

# **FEDERAL ITEM IDENTIFICATION GUIDE**

## **LAUNDRY AND DRY CLEANING EQUIPMENT**

This Reprint replaces FIIG T155, dated December 7, 2007.



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This Federal Item Identification Guide for Supply Cataloging is issued under the authority of Department of Defense Instruction 5025.7.

The use of this publication is mandatory for US. Federal Activities participating in Federal Catalog System Operations.

BY ORDER OF THE DIRECTOR

/s/

Commander

Defense Logistics Information Service

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## GENERAL INFORMATION

### 1. Purpose and Scope

This Federal Item Identification Guide (FIIG) is a self-contained document for the collection, coding, transmittal, and retrieval of item characteristics and related supply management data for an item of supply for logistical use. This FIIG is to be used to describe items of supply identified by the index of approved item names appearing in this section.

### 2. Contents

This FIIG is comprised of the following:

- Index of Approved Item Names Covered by this FIIG
- Applicability Key Index
- Section I - Item Characteristics Data Requirements
- Section III - New text that should be here.
- Appendix A - Reply Tables
- Appendix B - Reference Drawing Groups (as applicable)
- Appendix C - Technical Data Tables (as applicable)

#### a. Index of Approved Item Names Covered by this FIIG:

The index lists the approved item names with definitions and item name codes as they appear in Cataloging Handbook H6, applicable to this FIIG. In addition, each name entry is assigned an applicability key for use in relating the characteristics requirements in Section I to the specific item name.

#### b. Applicability Key Index:

The purpose of this index is to provide the user with a ready reference for determining the specific requirements which are applicable to a given approved item name. This index lists all requirements in sequence as they appear in the FIIG. The applicability of a Master Requirement Coded requirement is indicated by the column headed by the specific item name applicability key as follows:

(1) The letter "X" indicates the requirement must be answered for a full descriptive item.

(2) The letters "AR" indicate the requirement is to be answered as required by (1) instructional notes within the FIIG; (2) when the reply is predicated on replies to a related main requirement; or (3) when an asterisk (\*) is used in conjunction with the applicability key column in Section I.

(3) A blank in the column indicates the requirement is not applicable to the specific item name.

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### c. Section I - Item Characteristics Data Requirements:

This section contains the physical and performance characteristics requirements needed to describe and identify an item of supply. These characteristics differentiate one item from all other items of supply and are to be used to meet the needs of all supported functions. This section is arranged in columns. Identification of each column and instructions pertinent thereto are as follows:

#### (1) Applicability Key:

The first column shows the applicability key(s) for each requirement. It indicates whether the requirement need be satisfied for the item being identified. "ALL" indicates that the requirement must be answered for all items covered by the FIIG. One or more alphabetic character(s) or group of one or more alphabetic characters indicates a response is required when describing items with an approved item name or names represented by the key(s). An asterisk (\*) used in conjunction with any applicability key indicates that the characteristic stated in the requirement may not be applicable to all items covered by the FIIG.

#### (2) Master Requirement Codes (MRC):

A four-position code which is assigned to a FIIG requirement for identification of the requirement, cross-referencing requirements in the various sections and appendices of the FIIG, and for mechanized processing and retrieval of FIIG generated data. Absence of a MRC for a requirement indicates a lead-in to requirements with individual MRCs in Appendix B.

(a) The coding technique for providing MULTIPLE/OPTIONAL responses will not be used for a Section I requirement assigned Mode Code A or L that leads to Appendix B sketches with dimensional requirements.

#### (b) Identified Secondary Address Coding:

This technique is for extending the Master Requirement Code so that a unique address is provided for each application of the requirement in relation to the item and is authorized only as instructed within the requirement. Responses coded through this technique will always consist of the following: (1) Master Requirement Codes, (2) indicator code (a single numeric character determined by the number of positions contained), (3) identified secondary address code (1 to 3-digit alphabetic codes determined by the number of predicted replies), (4) the mode code, (5) the reply code and/or clear text response, and (6) end with a record separator (\*). Steps (1) through (6) are repeated for each application of the requirement.

#### (c) AND/OR coding:

A technique for extending the Master Requirement Code to provide a distinctive address for multiple responses to the same requirement. Responses coded through this technique will always consist of (1) Master Requirement Code, (2) mode code, (3) the response or reply code (as instructed by the requirement), (4) a single dollar sign (\$) for an OR condition, or a double dollar sign (\$\$) for an AND condition, (5) the mode code, (6) the response or reply code

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(followed by conditions (4) through (6) for each of the multiple responses) and (7) end with a record separator (\*). NOTE: Apply this technique only when instructed by the requirement sample reply (e.g.).

### (3) Mode Code:

A one-position alphabetic code that specifies the manner in which a response will be prepared. Each requirement assigned a MRC is also assigned a mode code. Sample replies follow each FIIG requirement displaying the proper construction of a response for the assigned mode code. The response to a requirement will always be prepared in accordance with the assigned mode code and sample reply except in the following instances:

(a) Use of E Mode Code replies is not authorized. If a reply needed to describe an item is not listed in the applicable table, contact the FIIG Initiator.

(b) Mode Code K may not be used for any requirement unless instructed by the requirement instructions.

### (4) Requirement:

This portion includes the characteristics data elements and data use identifiers required to identify and differentiate one item of supply from another, narrative definitions, and explanations as to use and method of expression. Instructions for coding and preparing replies are also provided.

### (5) Reply Code:

A code that represents an established authorized reply to a requirement.

#### d. Section III - Supplementary Technical and Supply Management Data:

This section includes those characteristics requirements necessary to support specific logistics functions other than National Stock Number assignment.

#### e. Appendix A - Reply Tables:

Tables of authorized replies to requirements and reply codes when the tables are too lengthy for inclusion in Section I/III, when applicable.

#### f. Appendix B - Reference Drawings:

This appendix contains representative illustrations which portray specific variations of one or more generic characteristics. If reference drawings contain requirements pages to be used in conjunction with illustrations for dimensioning purposes, the requirements pages will contain Master Requirement Codes, mode codes, and a statement of the requirement. A response to requirements on a requirements page is necessary only for those Master Requirement Codes applicable to the illustration selected.

#### g. Appendix C - Technical Data Tables:

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This appendix contains conversion charts and similar data pertinent to the requirements in Section I/III, when applicable.

3. Enter administrative MRC CLQL immediately following the last FIIG requirement reply, as instructed below:

<u>MRC</u>	<u>Mode Code</u>	<u>Requirement</u>	<u>Example</u>
CLQL	G	COLLOQUIAL NAME (common usage name by which an item is known)	CLQLGWOVEN WIRE CLOTH*

### 4. Special Instructions and Indicator Definitions

#### a. Measurements:

Unless otherwise indicated within a requirement example, enter all measurements in decimal form, carried to the nearest three decimal places, with a minimum of one digit preceding the decimal. For SI (metric), enter all measurements with a minimum of one digit before and after the decimal. For fraction to decimal conversion, see Appendix C.

#### b. Indicators:

A cross hatch (#) following an AIN, MRC, Reply Code or Drawing Number indicates for "ALL EXCEPT USA" use only.

### 5. Indexes

#### a. Index of Data Requirements

This index is arranged in alphabetic sequence by Master Requirement Code, cross-referenced to the applicable data requirement and page number(s).

#### b. Index of Approved Item Names

This index is arranged in alphabetic sequence referenced to Applicability Key.

#### c. Applicability Key Index

This index is arranged in Applicability Key Sequence.

### 6. Maintenance

Requests for revisions and other changes will be directed to:

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## INDEX OF APPROVED ITEM NAMES COVERED BY THIS FIIG

<u>Approved Item Name</u>	<u>INC</u>	<u>App Key</u>
CONVEYOR AND STORAGE RACK, LAUNDRY	28424	HA
An item designed to move and to temporarily store finished and/or packaged garments by way of a monorail, geared pulleys, or chain link drive, or any combination. It may consist of one or more or any combination of bins, hangers, and/or hooks, overhead bins, or shelves. It may be manually operated or automatic dial, or push-button and/or foot operated type control system.		
DRY CLEANING PRESS	07027	EA
A manually or air-operated machine having a steam-heated padded buck of various shapes, equipped with steaming and vacuum facilities and a steam-heated head with steaming facilities between which fabric articles are pressed. Includes utility type presses.		
DRYING TUMBLER, DRY CLEANING	04589	DA
A power driven machine used for the purpose of removing most of the remaining solvents in fabrics after the extraction process, by rotating fabrics in a cylinder through which heated air is passed.		
DRYING TUMBLER, HOUSEHOLD LAUNDRY	04176	DB
A power driven unit which removes most of the moisture remaining in fabric articles, after the extraction process, by means of heated air generated by either an electric element or a gas fired unit passing through a rotating cylinder.		
DRYING TUMBLER, LAUNDRY, COMMERCIAL	04233	DC
A power driven unit which removes most of the moisture remaining in fabric articles after the extraction process, by means of heated air passing through a rotating cylinder.		
DRYING TUMBLER, LAUNDRY, MOBILE	45807	DC
A fuel fired unit which removes most of the moisture remaining in fabric articles after the extraction process, by means of heated air passing through a rotating cylinder. Unit is designed to provide laundry drying service for troops and hospitals in the field.		
EXTRACTOR, DRY CLEANING	04577	DD
A power driven machine which, by centrifugal motion or compression, removes a large percentage of petroluem or synthetic solvents from fabrics which have been cleaned.		

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<u>Approved Item Name</u>	<u>INC</u>	<u>App Key</u>
EXTRACTOR, LAUNDRY, COMMERCIAL	04232	DD
A power driven unit which, by centrifugal action or compression, removes a large percentage of water from washed fabric articles.		
FILTER, DRY CLEANING SOLVENT	04578	FA
A metal shell containing a screen through which dirty dry cleaning solvents are forced by pressure for removing solids.		
IRONER, FLATWORK, COMMERCIAL	04157	EB
A power driven unit which irons flat fabric articles by passing them between a heated cylinder or chest and padded rollers held in contact under pressure. Excludes LAUNDRY PRESS, COMMERCIAL.		
LAUNDRY PRESS, COMMERCIAL	04235	EC
A manual or power operated machine having steam heated buck(s) or padded surface(s) of various shapes and hinged steam-heated head(s) between which fabric articles are placed and pressed. Excludes IRONER, FLATWORK, COMMERCIAL.		
LAUNDRY, SKID MOUNTED	07885	AA
LAUNDRY UNIT, TRAILER MOUNTED	07887	AA
A 2- or 4-wheel type trailer containing stationary component units of laundry equipment. When used with other trailer mounted equipment, it performs the function of a mobile laundry in the field.		
MARKING AND TAGGING MACHINE, DRY CLEANING	32986	GA
An electrically operated machine designed to produce a completely marked and stapled tag, of a predetermined size, to a garment prior to dry cleaning. It shall have two invoice clips on listing board, a tape roll storage rack for not less than 10 rolls of tag material, and a flag tag holder. Excludes MARKING MACHINE, DRY CLEANING-LAUNDRY. See also MARKING AND TAGGING MACHINE, LAUNDRY.		
MARKING AND TAGGING MACHINE, LAUNDRY	32987	GA
An electrically or pneumatically operated machine designed to produce a completely marked tag of a predetermined size and seal the tag to a garment with or without the use of solvents prior to laundering. Sealing shall be accomplished by a temperature controlled heating platen, applied pressure and dwell time governed by a timer or cam movement. It may have an invoice listing board table, and tape roll storage rack for not less than 10 rolls of tag material. See also MARKING AND TAGGING MACHINE, DRY CLEANING. Excludes MARKING MACHINE, DRY CLEANING-LAUNDRY.		

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<u>Approved Item Name</u>	<u>INC</u>	<u>App Key</u>
MARKING MACHINE, DRY CLEANING- LAUNDRY	32988	GA
A machine designed to permanently mark garments prior to laundering. It may have an ink reservoir or inking ribbon. It may be electrically, manually or pneumatically operated. Marking may be accomplished by keyboard or lever operation. Excludes MARKING AND TAGGING MACHINE, DRY CLEANING and MARKING AND TAGGING MACHINE, LAUNDRY.		
SHAKEOUT TUMBLER, LAUNDRY, COMMERCIAL	04234	DC
A power-driven unit which shakes out tightly packed damp fabric articles in preparation for finishing.		
WASHER-EXTRACTOR, DRY CLEANING	27016	BA
A combination power driven unit that washes fabric articles by means of a rotating cylinder, or other devices which agitates a load of soiled articles in petroleum or synthetic solvents to remove the soil, and afterwards removes a large percentage of the solvents from the articles by centrifugal action.		
WASHER-EXTRACTOR, LAUNDRY, COMMERCIAL	14954	BA
A combination power driven unit which washes fabric articles by means of agitation (using water, detergent, and/or soap) and afterward removes a large percentage of the water from the articles by rapid centrifugal action.		
WASHING MACHINE, DRY CLEANING	04573	CA
A power driven machine which, by means of a rotating cylinder or other device, agitates a load of soiled fabric articles in contact with petroleum or synthetic solvents to remove the soil.		
WASHING MACHINE, HOUSEHOLD LAUNDRY, POWER OPERATED	04166	CB
A power driven unit suitable for washing clothes.		
WASHING MACHINE, LAUNDRY, COMMERCIAL	04240	CC
A power driven unit for washing by means of agitation, soiled fabric articles in contact with water, detergent and/or soap.		

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**APPLICABILITY KEY INDEX**

AA

NAME	X
AEAS	X
AJJW	AR
ALSM	AR
ALSN	X
ALQD	AR
ALSP	AR
ALSR	AR
ALSS	AR
ACDC	AR
ELEC	AR
FREQ	AR
FAAZ	AR
FEAT	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ENAC	AR
ELRN	AR
ELCD	AR
AFJK	AR
PRMT	AR
PMWT	AR
PMLC	AR
SUPP	AR
ZZZV	AR
CXCX	AR



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	<u>BA</u>
NAME	X
ALST	AR
AGYN	AR
ALSX	AR
ALSY	AR
ALTA	AR
ALTB	AR
AGCS	AR
ALTC	AR
ALTE	X
AENC	AR
ALTF	AR
ALTG	X
ALTH	AR
ALTJ	AR
ALYS	AR
ALTL	X
ACDC	AR
AHZX	AR
ELEC	AR
FREQ	AR
FAAZ	AR
ALBY	AR
FEAT	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ENAC	AR
ELRN	AR
ELCD	AR
AFJK	AR
PRMT	AR
PMWT	AR
PMLC	AR
SUPP	AR
ZZZV	AR
CXCX	AR

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	<u>CA</u>	<u>CB</u>	<u>CC</u>
NAME	X	X	X
AKDJ		X	
ACDC	AR	AR	X
ELEC	AR	AR	AR
FREQ	AR	AR	AR
FAAZ	AR	AR	AR
ABBB	AR	AR	AR
AGCS	X	X	X
ALSX	X		X
ALTB	AR		AR
ALTA	AR		AR
ALST	X		
AGYN	AR		
AKCV	AR		
ALPL	AR		
AFPV	X		
ALTT		X	
ALTW		X	
ALYC		AR	
ALTX		AR	AR
ALWA		X	
ALWB		AR	
ALWF			X
ALWG			X
ALWQ			AR
ALWT			AR
ALWW			AR
ALBY			AR
FEAT	AR	AR	AR
ZZZK	AR	AR	AR
ZZZT	AR	AR	AR
ZZZW	AR	AR	AR
ZZZX	AR	AR	AR
ZZZY	AR	AR	AR
CRTL	AR	AR	AR
PRPY	AR	AR	AR
ENAC	AR	AR	AR
ELRN	AR	AR	AR
ELCD	AR	AR	AR
AFJK	AR	AR	AR
PRMT	AR	AR	AR
PMWT	AR	AR	AR
PMLC	AR	AR	AR
SUPP	AR	AR	AR
ZZZV	AR	AR	AR
CXCY	AR	AR	AR

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	<u>DA</u>	<u>DB</u>	<u>DC</u>	<u>DD</u>
NAME	X	X	X	X
ALTW	X	X	X	
AGCS	X	X	X	X
ACDC	AR	AR	AR	AR
ELEC	AR	AR	AR	AR
FREQ	AR	AR	AR	AR
FAAZ	AR	AR	AR	AR
ALWH	X	X	X	
ALWJ	X	X	X	
ALWK				X
ALYE	X		X	
ALWL		X	X	
AMBX		X	X	
ALWX				X
ALWY				AR
ABAM		X		
ALWZ		AR		
FUEL		AR		
ALXA	X			
ALST	AR			
AGYN	AR			
ALTX				X
ALXB				AR
ALXD				AR
ALBY			AR	AR
FEAT	AR	AR	AR	AR
ZZZK	AR	AR	AR	AR
ZZZT	AR	AR	AR	AR
ZZZW	AR	AR	AR	AR
ZZZX	AR	AR	AR	AR
ZZZY	AR	AR	AR	AR
CRTL	AR	AR	AR	AR
PRPY	AR	AR	AR	AR
ENAC	AR	AR	AR	AR
ELRN	AR	AR	AR	AR
ELCD	AR	AR	AR	AR
AFJK	AR	AR	AR	AR
PRMT	AR	AR	AR	AR
PMWT	AR	AR	AR	AR
PMLC	AR	AR	AR	AR
SUPP	AR	AR	AR	AR
ZZZV	AR	AR	AR	AR
CXCY	AR	AR	AR	AR

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	<u>EA</u>	<u>EB</u>	<u>EC</u>
NAME	X	X	X
ALXF		AR	AR
ALXG		AR	AR
ALYT		AR	
ALYW		AR	
ALTB		AR	
ALHD		AR	
ACDC		AR	AR
ELEC		AR	AR
FREQ		AR	AR
FAAZ		AR	AR
ALXH	X		X
ALXE			X
ALXL	AR		AR
ALYY	AR		AR
ALZA	AR		
AHZZ	AR		AR
ALXM			AR
ALXN	X		
ALXP	X		
ALXQ	X		
ALXR	X		
ALBY	AR	AR	AR
FEAT	AR	AR	AR
ZZZK	AR	AR	AR
ZZZT	AR	AR	AR
ZZZW	AR	AR	AR
ZZZX	AR	AR	AR
ZZZY	AR	AR	AR
CRTL	AR	AR	AR
PRPY	AR	AR	AR
ENAC	AR	AR	AR
ELRN	AR	AR	AR
ELCD	AR	AR	AR
AFJK	AR	AR	AR
PRMT	AR	AR	AR
PMWT	AR	AR	AR
PMLC	AR	AR	AR
SUPP	AR	AR	AR
ZZZV	AR	AR	AR
CXCY	AR	AR	AR

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NAME	X
ALTR	AR
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ALXX	X
ALXT	X
ACDC	AR
ELEC	AR
FREQ	AR
FAAZ	AR
FEAT	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ENAC	AR
ELRN	AR
ELCD	AR
AFJK	AR
PRMT	AR
PMWT	AR
PMLC	AR
SUPP	AR
ZZZV	AR
CXCY	AR

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ALYB	X
AHZT	X
ACDC	AR
ELEC	AR
FREQ	AR
FAAZ	AR
ALXW	X
AGDH	AR
AAXX	AR
CBBL	AR
FEAT	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ENAC	AR
ELRN	AR
ELCD	AR
AFJK	AR
PRMT	AR
PMWT	AR
PMLC	AR
SUPP	AR
ZZZV	AR
CXCY	AR

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AHZT	X
ACDC	AR
ELEC	AR
FREQ	AR
FAAZ	AR
ALYC	AR
ALYD	X
ALYE	X
AAXX	AR
AGCS	X
ABHP	AR
ABMK	AR
ABKW	AR
ALYG	AR
ALYH	AR
ALYJ	AR
ALYK	AR
ALYL	AR
ALYM	AR
ALYP	X
FEAT	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ENAC	AR
ELRN	AR
ELCD	AR
AFJK	AR
PRMT	AR
PMWT	AR
PMLC	AR
SUPP	AR
ZZZV	AR
CXCY	AR

## Body

### SECTION: A

APP

Key	MRC	Mode Code	Requirements
-----	-----	-----------	--------------

---

ALL

NAME	D	ITEM NAME
------	---	-----------

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED07885\*)

ALL

AEAS	G	MAJOR COMPONENTS
------	---	------------------

Definition: THE PRINCIPAL PARTS THAT ARE INCLUDED IN AN ASSEMBLED UNIT.

Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon, options with the word "or". (e.g., AEASGEXTRACTOR\*; AEASGEXTRACTOR;HEATER OR PUMP\*)

ALL\*

AJJW	A	COMPONENT QUANTITY
------	---	--------------------

Definition: THE NUMBER OF COMPONENTS INCLUDED IN THE ITEM.

Reply Instructions: Enter the quantity. (e.g., AJJWA4\*)

ALL\*

ALSM	G	MAJOR COMPONENT CAPACITY RATING
------	---	---------------------------------

Definition: THE MAXIMUM CAPACITY FOR WHICH THE MAJOR COMPONENT IS RATED.

Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., ALSMG30 LB DRY WT PER LOAD\*; ALSMG500 GAL PER HOUR;40 GAL PER MIN\*)



FIIG T  
Section Parts

APP Key	MRC	Mode Code	Requirements
<hr/>			
ALL			
	ALSN	D	GASOLINE ENGINE DRIVEN GENERATOR SET
	<p>Definition: AN INDICATION OF WHETHER OR NOT A GASOLINE ENGINE DRIVEN GENERATOR SET IS INCLUDED.</p> <p>Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALSNDB*)</p>		
		<u>REPLY CODE</u>	<u>REPLY (AA49)</u>
		B	INCLUDED
		C	NOT INCLUDED

NOTE FOR MRCS ALQD, ALSP, ALSR, AND ALSS: IF REPLY CODE B IS ENTERED FOR MRC ALSN, REPLY TO MRCS ALQD, ALSP, ALSR, AND ALSS.

ALL\* (See Note Above)

ALQD	B	GENERATOR RATED CAPACITY IN KILOWATTS
------	---	---------------------------------------

Definition: THE ELECTRICAL RATING FOR WHICH THE GENERATOR IS RATED, EXPRESSED IN KILOWATTS.

Reply Instructions: Enter the numeric value. (e.g., ALQDB10.0\*)

For items that do not require a rating change the Mode Code to K and enter Reply Code N. (e.g., ALQDKN\*)

ALL\* (See Note Preceding MRC ALQD)

ALSP	B	GENERATOR VOLTAGE RATING
------	---	--------------------------

Definition: THE ELECTRICAL VOLTAGE VALUE FOR WHICH THE GENERATOR IS RATED.

Reply Instructions: Enter the numeric value. If multiple voltages are given for the same type of current, enter in ascending sequence. If the multiple voltages represent AC and DC currents, enter AC voltages first. (e.g., ALSPB12.0\*; ALSPB220.0\$\$B440.0\*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., ALSPKN\*)

FIIG T  
Section Parts

APP			
Key	MRC	Mode Code	Requirements

---

If the source document gives the voltages as, or as falling within, one of the ranges in Appendix C, Table 2, enter the applicable reply figure from that table.

ALL\* (See Note Preceding MRC ALQD)

ALSR                      D                      GENERATOR PHASE

Definition: THE NUMBER OF ALTERNATING CURRENT PHASES OF THE GENERATOR.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALSRDB\*; ALSRDA\$DB\*)

<u>REPLY CODE</u>	<u>REPLY (AD02)</u>
A	SINGLE
E	SINGLE/THREE
C	THREE
B	TWO

ALL\* (See Note Preceding MRC ALQD)

ALSS                      B                      GENERATOR FREQUENCY RATING

Definition: THE CYCLES PER SECOND (HERTZ) OF THE GENERATOR ALTERNATING CURRENT.

Reply Instructions: Enter the numeric value. (e.g., ALSSB60.0\*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., ALSSKN\*)

ALL\*

ACDC                      D                      CURRENT TYPE

Definition: INDICATES THE TYPE OF CURRENT WHETHER ALTERNATING, DIRECT, OR BOTH.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ACDCDB\*; ACDCDB\$DC\*)

<u>REPLY CODE</u>	<u>REPLY (AB62)</u>
B	AC
C	DC

FIIG T  
Section Parts

APP Key	MRC	Mode Code	Requirements
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NOTE FOR MRCS ELEC, FREQ, AND FAAZ: IF REPLY CODE B IS ENTERED FOR MRC ACDC, REPLY TO MRCS ELEC, FREQ, AND FAAZ. IF REPLY CODE C IS ENTERED FOR MRC ACDC, REPLY TO MRC ELEC.

ALL\* (See Note Above)

ELEC	B	VOLTAGE IN VOLTS
------	---	------------------

Definition: THE TOTAL ELECTRICAL VOLTAGE.

Reply Instructions: Enter the numeric value. If multiple voltages are for the same type of current, enter in ascending sequence. If the multiple voltages represent AC and DC currents, enter the AC voltages first. (e.g., ELECB12.0\*; ELECB220.0\$\$B440.0\*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., ELECKN\*)

If the source document gives the voltages as, or as falling within, one of the ranges in Appendix C, Table 2, enter the applicable figure from that table.

ALL\* (See Note Preceding MRC ELEC)

FREQ	B	FREQUENCY IN HERTZ
------	---	--------------------

Definition: THE CYCLES PER SECOND (HERTZ) OF THE ALTERNATING CURRENT.

Reply Instructions: Enter the numeric value. (e.g., FREQB60.0\*; FREQB60.0\$\$B80.0\*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., FREQKN\*)

ALL\* (See Note Preceding MRC ELEC)

FAAZ	D	PHASE
------	---	-------

Definition: THE NUMBER OF ALTERNATING CURRENT PHASES.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., FAAZDC\*; FAAZDB\$DC\*)

<u>REPLY CODE</u>	<u>REPLY (AD02)</u>
A	SINGLE

FIIG T  
Section Parts

APP Key	MRC	Mode Code	Requirements
		E	SINGLE/THREE
		C	THREE
		B	TWO

FIIG T  
Section Parts

**SECTION: B**

APP

Key	MRC	Mode Code	Requirements
-----	-----	-----------	--------------

---

ALL

NAME	D	ITEM NAME
------	---	-----------

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED27016\*)

ALL\*

ALST	D	SOLVENT FOR WHICH DESIGNED
------	---	----------------------------

Definition: INDICATES THE TYPE OF SOLVENT WITH WHICH THE ITEM IS DESIGNED TO BE USED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALSTDK\*; ALSTDK\$DD\*)

<u>REPLY CODE</u>	<u>REPLY (AF12)</u>
K	PETROLEUM BASE
D	SYNTHETIC

NOTE FOR MRC AGYN: IF REPLY CODE K IS ENTERED FOR MRC ALST, REPLY TO MRC AGYN.

ALL\* (See Note Above)

AGYN	B	MINIMUM FLASH POINT IN DEG FAHRENHEIT
------	---	--

Definition: THE NUMERIC VALUE OF THE MINIMUM FLASH POINT AT WHICH THE ITEM WILL IGNITE AND BURN, EXPRESSED IN DEGREES FAHRENHEIT.

Reply Instructions: Enter the numeric value. (e.g., AGYNB100.0\*)

ALL\*

ALSX	D	CYLINDER MATERIAL
------	---	-------------------

FIIG T  
Section Parts

APP			
Key	MRC	Mode Code	Requirements

---

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE CYLINDER IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALSXDSTD000\*; ALSXDSTD000\$DNC0000\*; ALSXDSTD000\$DNC0000\*)

<u>REPLY CODE</u>	<u>REPLY (AD09)</u>
A	ANY ACCEPTABLE
NC0000	NICKEL COPPER ALLOY (monel)
BH0000	PORCELAIN
ST0000	STEEL
ST6759	STEEL, AISI 304L
STD000	STEEL, STAINLESS

ALL\*

ALSY	A	CYLINDER COMPARTMENT QUANTITY
------	---	-------------------------------

Definition: THE NUMBER OF COMPARTMENTS INCORPORATED IN THE CYLINDER.

Reply Instructions: Enter the quantity. (e.g., ALSYA2\*; ALSYA2\$A3\*)

ALL\*

ALTA	J	CYLINDER DIAMETER
------	---	-------------------

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A CYLINDER, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ALTAJAA32.000\*; ALTAJAB31.900\$JAC32.010\*; ALTAJLA812.8\*)

<u>Table 1</u>	
<u>REPLY CODE</u>	<u>REPLY (AA05)</u>
A	INCHES
L	MILLIMETERS

<u>Table 2</u>	
<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
A	NOMINAL
B	MINIMUM
C	MAXIMUM

FIIG T  
Section Parts

APP Key	MRC	Mode Code	Requirements
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---

ALL\*

ALTB	J	CYLINDER LENGTH
------	---	-----------------

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE CYLINDER, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ALTBJAA24.000\*; ALTBJAB23.875\$\$JAC24.125\*; ALTBJLA609.6\*)

Table 1

REPLY CODE

A

L

REPLY (AA05)

INCHES

MILLIMETERS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

ALL\*

AGCS	J	MAXIMUM LOAD RATING
------	---	---------------------

Definition: THE MAXIMUM LOAD FOR WHICH THE ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AGCSJP50.0\*; AGCSJK23.6\*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., AGCSKN\*)

REPLY CODE

K

P

REPLY (AB16)

KILOGRAMS

POUNDS

ALL\*

ALTC	J	CYLINDER OPERATING RPM PER CYCLE
------	---	----------------------------------

FIIG T  
Section Parts

APP

Key	MRC	Mode Code	Requirements
-----	-----	-----------	--------------

---

Definition: THE SPEED OF THE CYLINDER, EXPRESSED IN REVOLUTIONS PER MINUTE PER OPERATING CYCLE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. For items having different RPM ratings for the washing and extracting cycle, use AND condition coding (\$\$). (e.g., ALTCJAB36.0\*; ALTCJAB28.0\$\$JAC600.0\*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., ALTCKN\*)

<u>REPLY CODE</u>
AC
AB

<u>REPLY (AH70)</u>
EXTRACTING
WASHING

ALL

ALTE	D	PUMP
------	---	------

Definition: AN INDICATION OF WHETHER OR NOT A PUMP IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALTEDB\*; ALTEDB\$DC\*)

<u>REPLY CODE</u>
B
C

<u>REPLY (AA49)</u>
INCLUDED
NOT INCLUDED

NOTE FOR MRCS AENC AND ALTF: IF REPLY CODE B IS ENTERED FOR MRC ALTE, REPLY TO MRCS AENC AND ALTF.

ALL\* (See Note Above)

AENC	A	PUMP QUANTITY
------	---	---------------

Definition: THE NUMBER OF PUMPS INCORPORATED IN THE ITEM.

Reply Instructions: Enter the quantity. (e.g., AENCA1\*; AENCA1\$A2\*; AENCA1\$\$A2\*)

ALL\* (See Note Preceding MRC AENC)



FIIG T  
Section Parts

APP Key	MRC	Mode Code	Requirements
	ALTF	B	PUMP RATING IN GPM
Definition: THE RATED CAPACITY OF THE FLUID DELIVERED BY THE PUMP, EXPRESSED IN GALLONS PER MINUTE.			
Reply Instructions: Enter the numeric value at the maximum rated capacity. (e.g., ALTFB38.0*)			
For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., ALTFKN*)			

ALL

ALTG	D	SOLVENT TANK
Definition: AN INDICATION OF WHETHER OR NOT A SOLVENT TANK IS INCLUDED.		
Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALTGDB*; ALTGDB\$DC*)		

<u>REPLY CODE</u>	<u>REPLY (AA49)</u>
B	INCLUDED
C	NOT INCLUDED

NOTE FOR MRCS ALTH, ALTJ, AND ALYS: IF REPLY CODE B IS ENTERED FOR MRC ALTG, REPLY TO MRCS ALTH, ALTJ, AND ALYS.

ALL\* (See Note Above)

ALTH	A	TANK QUANTITY
Definition: THE NUMBER OF TANKS PROVIDED.		
Reply Instructions: Enter the quantity. (e.g., ALTHA2*; ALTHA2\$A3*)		

ALL\* (See Note Preceding MRC ALTH)

ALTJ	J	WASH TANK CAPACITY
Definition: THE CAPACITY THAT THE WASH TANK WILL HOLD.		
Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ALTJJG150.0*; ALTJJL567.8*)		

FIIG T  
Section Parts

APP Key	MRC	Mode Code	Requirements
<hr/>			
		<u>REPLY CODE</u>	<u>REPLY (AB10)</u>
		G	GALLONS
		L	LITERS

ALL\* (See Note Preceding MRC ALTH)

ALYS                      J                      RINSE TANK CAPACITY

Definition: THE CAPACITY THAT THE RINSE TANK WILL HOLD.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ALYSJG100.0\*; ALYSJL378.5\*)

<u>REPLY CODE</u>	<u>REPLY (AB10)</u>
G	GALLONS
L	LITERS

ALL

ALTL                      D                      ELECTRICAL MOTOR USAGE DESIGN

Definition: INDICATES THE DESIGNED USE OF THE ELECTRIC MOTOR.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALTLDAB\*; ALTLDAB\$\$DAC\*; ALTLDAB\$DAC\*)

<u>REPLY CODE</u>	<u>REPLY (AH71)</u>
AC	EXTRACTOR
AD	PUMP
AB	WASHER

ALL\*

ACDC                      D                      CURRENT TYPE

Definition: INDICATES THE TYPE OF CURRENT WHETHER ALTERNATING, DIRECT, OR BOTH.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ACDCDB\*; ACDCDB\$DC\*)

FIIG T  
Section Parts

APP Key	MRC	Mode Code	Requirements
		<u>REPLY CODE</u>	<u>REPLY (AB62)</u>
		B	AC
		C	DC

ALL\*

AHZX                      B                      PRIME MOVER HORSEPOWER RATING

Definition: THE RATED HORSEPOWER OF THE PRIME MOVER.

Reply Instructions: Enter the numeric value. (e.g., AHZXB3.0\*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., AHZXKN\*)

NOTE FOR MRCS ELEC, FREQ, AND FAAZ: IF REPLY CODE B WAS ENTERED FOR MRC ACDC, REPLY TO MRCS ELEC, FREQ, AND FAAZ. IF REPLY CODE C WAS ENTERED FOR MRC ACDC, REPLY TO MRC ELEC.

ALL\* (See Note Above)

ELEC                      B                      VOLTAGE IN VOLTS

Definition: THE TOTAL ELECTRICAL VOLTAGE.

Reply Instructions: Enter the numeric value. If multiple voltages are given for the same type of current, enter in ascending sequence. If the multiple voltages represent AC and DC currents, enter the AC voltages first. (e.g., ELECB12.0\*; ELECB220.0\$\$B440.0\*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., ELECKN\*)

If the source document gives the voltage as, or as falling within, one of the ranges in Appendix C, Table 2, enter the applicable figure from that table.

ALL\* (See Note Preceding MRC ELEC)

FREQ                      B                      FREQUENCY IN HERTZ

Definition: THE CYCLES PER SECOND (HERTZ) OF THE ALTERNATING CURRENT.

Reply Instructions: Enter the numeric value. (e.g., FREQB400.0\*; FREQB400.0\$\$B600.0\*)

FIIG T  
Section Parts

APP Key	MRC	Mode Code	Requirements
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ALL\* (See Note Preceding MRC ELEC)

FAAZ	D	PHASE
------	---	-------

Definition: THE NUMBER OF ALTERNATING CURRENT PHASES.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g.,  
FAAZDC\*; FAAZDA\$DB\*)

<u>REPLY CODE</u>	<u>REPLY (AD02)</u>
A	SINGLE
E	SINGLE/THREE
C	THREE
B	TWO

ALL\*

ALBY	D	USAGE DESIGN
------	---	--------------

Definition: INDICATES THE DESIGNED USE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g.,  
ALBYDABC\*)

<u>REPLY CODE</u>	<u>REPLY (AH21)</u>
A	ANY ACCEPTABLE
ABC	SHIPBOARD

FIIG T  
Section Parts

**SECTION: C**

APP

Key	MRC	Mode Code	Requirements
-----	-----	-----------	--------------

---

ALL

NAME	D	ITEM NAME
------	---	-----------

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED04573\*)

CB

AKDJ	D	PRIME MOVER TYPE
------	---	------------------

Definition: INDICATES THE TYPE OF PRIME MOVER INCLUDED WITH THE UNIT.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AKDJDAD\*; AKDJDAD\$DAE\*)

<u>REPLY CODE</u>	
AD	
AE	

<u>REPLY (AG27)</u>	
ELECTRIC MOTOR	
GASOLINE ENGINE	

NOTE FOR MRC ACDC: IF REPLY CODE AD WAS ENTERED FOR MRC AKDJ, REPLY TO MRC ACDC.

CA\*, CB\*, CC (See Note Above)

ACDC	D	CURRENT TYPE
------	---	--------------

Definition: INDICATES THE TYPE OF CURRENT WHETHER ALTERNATING, DIRECT, OR BOTH.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ACDCDB\*; ACDCDB\$DC\*)

<u>REPLY CODE</u>	
B	
C	

<u>REPLY (AB62)</u>	
AC	
DC	

FIIG T  
Section Parts

APP			
Key	MRC	Mode Code	Requirements

---

NOTE FOR MRCS ELEC, FREQ, AND FAAZ: IF REPLY CODE B IS ENTERED FOR MRC ACDC, REPLY TO MRCS ELEC, FREQ, AND FAAZ. IF REPLY CODE C IS ENTERED FOR MRC ACDC, REPLY TO MRC ELEC.

ALL\* (See Note Above)

ELEC	B	VOLTAGE IN VOLTS
------	---	------------------

Definition: THE TOTAL ELECTRICAL VOLTAGE.

Reply Instructions: Enter the numeric value. If multiple voltages are for the same type of current, enter in ascending sequence. If the multiple voltages represent AC and DC currents, enter the AC voltages first. (e.g., ELECB12.0\*; ELECB220.0\$\$B440.0\*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., ELECKN\*)

If the source document gives the voltages as, or as falling within, one of the ranges in Appendix C, Table 2, enter the applicable figure from that table.

ALL\* (See Note Preceding MRC ELEC)

FREQ	B	FREQUENCY IN HERTZ
------	---	--------------------

Definition: THE CYCLES PER SECOND (HERTZ) OF THE ALTERNATING CURRENT.

Reply Instructions: Enter the numeric value. (e.g., FREQB50.0\*; FREQB50.0\$\$B60.0\*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., FREQKN\*)

ALL\* (See Note Preceding MRC ELEC)

FAAZ	D	PHASE
------	---	-------

Definition: THE NUMBER OF ALTERNATING CURRENT PHASES.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., FAAZDC\*; FAAZDA\$DB\*)

REPLY CODE

A  
E  
C

REPLY (AD02)

SINGLE  
SINGLE/THREE  
THREE

FIIG T  
Section Parts

APP Key	MRC	Mode Code	Requirements
	B		TWO

ALL\*

ABBB                      D                      SPEED ADJUSTMENTS

Definition: THE DIFFERENT SPEEDS AT WHICH THE ITEM MAY BE OPERATED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ABBBDN\*)

<u>REPLY CODE</u>	<u>REPLY (AB03)</u>
L	DUAL
M	MULTIPLE
N	SINGLE

NOTE: A REPLY TO THIS MRC IS REQUIRED FOR SCHEDULE B CODE ASSIGNMENT

ALL

AGCS                      J                      MAXIMUM LOAD RATING

Definition: THE MAXIMUM LOAD FOR WHICH THE ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AGCSJP115.0\*; AGCSJK55.4\*)

<u>REPLY CODE</u>	<u>REPLY (AB16)</u>
K	KILOGRAMS
P	POUNDS

CA, CC

ALSX                      D                      CYLINDER MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE CYLINDER IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALSXDME0000\*; ALSXDME0000\$DWD0000\*; ALSXDME0000\$DWD0000\*)

FIIG T  
Section Parts

APP	MRC	Mode Code	Requirements
Key			

---

<u>REPLY CODE</u>	<u>REPLY (AD09)</u>
ME0000	METAL
WD0000	WOOD

CA\*, CC\*

ALTB                      J                      CYLINDER LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE CYLINDER, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below followed by the numeric value. (e.g., ALTBJAA30.000\*; ALTBJAB4.000\$\$JAC4.100\*; ALTBJLA762.0\*)

<u>Table 1</u>	
<u>REPLY CODE</u>	<u>REPLY (AA05)</u>
A	INCHES
L	MILLIMETERS

<u>Table 2</u>	
<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
A	NOMINAL
B	MINIMUM
C	MAXIMUM

CA\*, CC\*

ALTA                      J                      CYLINDER DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A CYLINDER, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ALTAJAA36.000\*; ALTAJAB3.000\$\$JAC3.250\*; ALTAJLA914.4\*)

<u>Table 1</u>	
<u>REPLY CODE</u>	<u>REPLY (AA05)</u>
A	INCHES
L	MILLIMETERS



FIIG T  
Section Parts

APP  
Key

MRC

Mode Code

Requirements

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

CA

ALST

D

SOLVENT FOR WHICH DESIGNED

Definition: INDICATES THE TYPE OF SOLVENT WITH WHICH THE ITEM IS DESIGNED TO BE USED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALSTDK\*; ALSTDK\$DD\*)

REPLY CODE

K

D

REPLY (AF12)

PETROLEUM BASE

SYNTHETIC

NOTE FOR MRC AGYN: IF REPLY CODE K IS ENTERED FOR MRC ALST, REPLY TO MRC AGYN.

CA\* (See Note Above)

AGYN

B

MINIMUM FLASH POINT IN DEG  
FAHRENHEIT

Definition: THE NUMERIC VALUE OF THE MINIMUM FLASH POINT AT WHICH THE ITEM WILL IGNITE AND BURN, EXPRESSED IN DEGREES FAHRENHEIT.

Reply Instructions: Enter the numeric value. (e.g., AGYNB100.0\*)

CA\*

AKCV

D

DRIVE TYPE

Definition: INDICATES THE TYPE OF DRIVE FOR TURNING, ROTATING, OR POSITIONING THE MECHANISM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AKCVDAS\*; AKCVDAS\$DAT\*)

FIIG T  
Section Parts

APP Key	MRC	Mode Code	Requirements
		<u>REPLY CODE</u>	<u>REPLY (AG25)</u>
		AS	DOUBLE-END
		AT	SINGLE-END

CA\*

ALPL            D            BRAKE TYPE

Definition: INDICATES THE TYPE OF BRAKE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALPLDAX\*; ALPLDAW\$\$DAX\*; ALPLDAW\$DAX\*)

<u>REPLY CODE</u>	<u>REPLY (AG25)</u>
AW	MAGNETIC
AX	MANUAL

CA

AFPV            A            COMPARTMENT QUANTITY

Definition: THE NUMBER OF COMPARTMENTS FORMED BY PARTITIONS.

Reply Instructions: Enter the quantity. (e.g., AFPVA2\*; AFPVA2\$A3\*)

CB

ALTT            D            AGITATOR TYPE

Definition: INDICATES THE TYPE OF AGITATOR.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALTTDAB\*; ALTTDAB\$DAC\*)

<u>REPLY CODE</u>	<u>REPLY (AH74)</u>
AB	OSCILLATING IMPELLER
AC	ROTARY BASKET

CB

ALTW            D            LOADING LOCATION

FIIG T  
Section Parts

APP									
Key	MRC		Mode Code						Requirements

---

Definition: INDICATES THE LOCATION OF THE LOAD OPENING(S) ON THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALTWDDK\*; ALTWDGC\$DDK\*)

<u>REPLY CODE</u>	<u>REPLY (AE46)</u>
GC	SIDE
DK	TOP

CB\*

ALYC                      D                      OPERATING CONTROL TYPE

Definition: INDICATES THE TYPE OF DEVICE WHICH CONTROLS THE OPERATION OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALYCDAX\*; ALYCDAW\$\$DAX\*; ALYCDAW\$DAX\*)

<u>REPLY CODE</u>	<u>REPLY (AH83)</u>
AW	AUTOMATIC
AX	MANUAL

CB\*, CC\*

ALT                      D                      EXTRACTION METHOD

Definition: THE MEANS USED FOR EXTRACTION.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALTXDAB\*; ALTXDAB\$DAC\*)

<u>REPLY CODE</u>	<u>REPLY (AH75)</u>
AB	CENTRIFUGAL
AC	WRINGER

CB

ALWA                      D                      SEPARATE EXTRACTION TUB

FIIG T  
Section Parts

APP	Key	MRC	Mode Code	Requirements
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Definition: AN INDICATION OF WHETHER OR NOT A SEPARATE TUB FOR EXTRACTION IS FURNISHED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALWADF\*; ALWADF\$DN\*)

<u>REPLY CODE</u>	<u>REPLY (AA55)</u>
F	FURNISHED
N	NOT FURNISHED

CB\*

ALWB	D	DRAIN TYPE
------	---	------------

Definition: INDICATES THE TYPE OF DRAIN.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALWBDJ\*; ALWBDJ\$DK\*)

<u>REPLY CODE</u>	<u>REPLY (AA96)</u>
J	GRAVITY FLOW
K	PUMP

CC

ALWF	D	UNLOADING METHOD
------	---	------------------

Definition: THE MEANS BY WHICH THE ITEM IS UNLOADED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALWFDAB\*; ALWFDAB\$DAC\*)

<u>REPLY CODE</u>	<u>REPLY (AH76)</u>
AB	MANUAL
AC	POWER

CC

ALWG	D	HORIZONTAL PARTITION
------	---	----------------------

FIIG T  
Section Parts

APP  
Key

MRC

Mode Code

Requirements

---

Definition: AN INDICATION OF WHETHER OR NOT A HORIZONTAL PARTITION(S) IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALWGDB\*; ALWGDB\$DC\*)

REPLY CODE

B  
C

REPLY (AA49)

INCLUDED  
NOT INCLUDED

CC\*

ALWQ            D            MANUALLY CONTROLLED FUNCTION

Definition: AN INDICATION OF THE FUNCTION(S) WHICH IS MANUALLY CONTROLLED.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 2. (e.g., ALWQDBN\*; ALWQDBF\$\$DBM\*; ALWQDBF\$DBM\*)

CC\*

ALWT            D            SEMIAUTOMATIC CONTROLLED FUNCTION

Definition: AN INDICATION OF THE FUNCTION(S) WHICH IS SEMIAUTOMATICALLY CONTROLLED.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 2. (e.g., ALWTDBF\*; ALWTDBF\$\$DBM\*; ALWTDBF\$DBM\*)

CC\*

ALWW            D            AUTOMATIC CONTROLLED FUNCTION

Definiion: AN INDICATION OF THE FUNCTION(S) WHICH IS AUTOMATICALLY CONTROLLED.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 2. (e.g., ALWWDBF\*; ALWWDBF\$\$DBM\*; ALWWDBF\$DBM\*)

CC\*

ALBY            D            USAGE DESIGN

FIIG T  
Section Parts

APP Key	MRC	Mode Code	Requirements
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Definition: INDICATES THE DESIGNED USE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALBYDABC\*)

<u>REPLY CODE</u>	<u>REPLY (AH21)</u>
A	ANY ACCEPTABLE
ABC	SHIPBOARD

FIIG T  
Section Parts

**SECTION: D**

APP

Key	MRC	Mode Code	Requirements
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---

ALL

NAME	D	ITEM NAME
------	---	-----------

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED04176\*)

DA, DB, DC

ALTW	D	LOADING LOCATION
------	---	------------------

Definition: INDICATES THE LOCATION OF THE LOAD OPENING(S) ON THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALTWDA\*; ALTWDTD\$DGC\*)

<u>REPLY CODE</u>	<u>REPLY (AE46)</u>
A	ANY ACCEPTABLE
TD	END
GC	SIDE
DK	TOP

ALL

AGCS	J	MAXIMUM LOAD RATING
------	---	---------------------

Definition: THE MAXIMUM LOAD FOR WHICH THE ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AGCSJP155.0\*; AGCSJK73.3\*)

For items that do require a rating, change the Mode Code to K and enter Reply Code N. (e.g., AGCSKN\*)

<u>REPLY CODE</u>	<u>REPLY (AB16)</u>
K	KILOGRAMS
P	POUNDS

FIIG T  
Section Parts

APP Key	MRC	Mode Code	Requirements
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---

ALL\*

ACDC	D	CURRENT TYPE
------	---	--------------

Definition: INDICATES THE TYPE OF CURRENT WHETHER ALTERNATING, DIRECT, OR BOTH.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ACDCDB\*; ACDCDB\$DC\*)

<u>REPLY CODE</u>	<u>REPLY (AB62)</u>
B	AC
C	DC

NOTE FOR MRCS ELEC, FREQ, AND FAAZ: IF REPLY CODE B IS ENTERED FOR MRC ACDC, REPLY TO MRCS ELEC, FREQ, AND FAAZ. IF REPLY CODE C IS ENTERED FOR MRC ACDC, REPLY TO MRC ELEC.

ALL\* (See Note Above)

ELEC	B	VOLTAGE IN VOLTS
------	---	------------------

Definition: THE TOTAL ELECTRICAL VOLTAGE.

Reply Instructions: Enter the numeric value. If multiple voltages are for the same type of current, enter in ascending sequence. If the multiple voltages represent AC and DC currents, enter the AC voltages first. (e.g., ELECB12.0\*; ELECB220.0\$\$B440.0\*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., ELECKN\*)

If the source document gives the voltages as, or as falling within, one of the ranges in Appendix C, Table 2, enter the applicable figure from that table.

ALL\* (See Note Preceding MRC ELEC)

FREQ	B	FREQUENCY IN HERTZ
------	---	--------------------

Definition: THE CYCLES PER SECOND (HERTZ) OF THE ALTERNATING CURRENT.

Reply Instructions: Enter the numeric value. (e.g., FREQB50.0\*; FREQB50.0\$\$B60.0\*)



FIIG T  
Section Parts

APP										
Key	MRC		Mode Code							Requirements

---

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., FREQKN\*)

ALL\* (See Note Preceding MRC ELEC)

FAAZ                      D                      PHASE

Definition: THE NUMBER OF ALTERNATING CURRENT PHASES.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., FAAZDC\*; FAAZDA\$DB\*)

<u>REPLY CODE</u>	<u>REPLY (AD02)</u>
A	SINGLE
E	SINGLE/THREE
C	THREE
B	TWO

DA, DB, DC

ALWH                      J                      CYLINDER INSIDE LENGTH

Definition: A MEASUREMENT OF THE LONGEST INSIDE DIMENSION OF THE CYLINDER, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ALWHJAA55.000\*; ALWHJAB30.000\$\$JAC35.000\*; ALWHJLA1379.0\*)

<u>Table 1</u>	
<u>REPLY CODE</u>	<u>REPLY (AA05)</u>
A	INCHES
L	MILLIMETERS

<u>Table 2</u>	
<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
A	NOMINAL
B	MINIMUM
C	MAXIMUM

DA, DB, DC

ALWJ                      J                      CYLINDER INSIDE DIAMETER

FIG T  
Section Parts

APP  
Key MRC Mode Code Requirements

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF THE CYLINDER, AND TERMINATES AT THE INSIDE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ALWJJAB29.995\$\$JAC30.005\*)

Enter the nominal value when tolerance or ranges are not specified on the source document. (e.g., ALWJJAA30.000\*; ALWJJLA762.0\*)

Table 1

REPLY CODE

A

L

REPLY (AA05)

INCHES

MILLIMETERS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

DD

ALWK J BASKET INSIDE DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF THE BASKET, AND TERMINATES AT THE INSIDE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ALWKJAB29.995\$\$JAC30.005\*)

Enter the nominal value when tolerance or ranges are not specified on the source document. (e.g., ALWKJAA30.000\*; ALWKJLA762.0\*)

Table 1

REPLY CODE

A

L

REPLY (AA05)

INCHES

MILLIMETERS

Table 2

REPLY CODE

A

B

REPLY (AC20)

NOMINAL

MINIMUM

FIIG T  
Section Parts

APP Key	MRC	Mode Code	Requirements
	C		MAXIMUM

DA, DC

ALYE                      D                      ROTATION REVERSIBILITY FEATURE

Definition: AN INDICATION OF WHETHER OR NOT A REVERSIBLE ROTATION FEATURE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALYEDC\*; ALYEDB\$DC\*)

<u>REPLY CODE</u>	<u>REPLY (AA49)</u>
B	INCLUDED
C	NOT INCLUDED

DB, DC

ALWL                      D                      CIRCULATION FEATURE

Definition: AN INDICATION OF WHETHER OR NOT A CIRCULATION FEATURE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALWLDB\*; ALWLDB\$DC\*)

<u>REPLY CODE</u>	<u>REPLY (AA49)</u>
B	INCLUDED
C	NOT INCLUDED

DB, DC

AMBX                      D                      HEAT GENERATING METHOD

Definition: THE MEANS BY WHICH THE HEAT IS GENERATED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AMBXDJ\*; AMBXDG\$DH\*)

<u>REPLY CODE</u>	<u>REPLY (AA93)</u>
Z	ANY ACCEPTABLE
G	ELECTRIC HEATED ELEMENT

FIIG T  
Section Parts

APP Key	MRC	Mode Code	Requirements
		H	GAS FIRED HEATER
		M	GASOLINE FIRED BURNER
		K	OIL FIRED BURNER
		J	OIL FIRED HEATER
		L	STEAM

DD

ALWX            D            BRAKE CONTROL TYPE

Definition: THE MEANS BY WHICH THE BRAKE IS CONTROLLED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALWXDAY\*; ALWXDAY\$DAZ\*)

<u>REPLY CODE</u>	<u>REPLY (AG25)</u>
A	ANY ACCEPTABLE
AY	FOOT PEDAL
AZ	SELECTIVE TIMER
BA	TIMER

NOTE FOR MRC ALWY: IF REPLY CODE AY IS ENTERED FOR MRC ALWX, REPLY TO MRC ALWY.

DD\* (See Note Above)

ALWY            D            BRAKE LOCKING DEVICE

Definition: AN INDICATION OF WHETHER OR NOT A BRAKE LOCKING DEVICE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALWYDC\*; ALWYDB\$DC\*)

<u>REPLY CODE</u>	<u>REPLY (AA49)</u>
B	INCLUDED
C	NOT INCLUDED

DB

ABAM            D            HEAT MEDIUM TYPE

FIIG T  
Section Parts

APP			
Key	MRC	Mode Code	Requirements

---

Definition: INDICATES THE HEAT MEDIUM TYPE FOR WHICH THE UNIT IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ABAMDE\*; ABAMDE\$DF\*)

<u>REPLY CODE</u>	<u>REPLY (AA94)</u>
E	ELECTRIC
F	GAS

NOTE FOR MRCS ALWZ AND FUEL: IF REPLY CODE E IS ENTERED FOR MRC ABAM, REPLY TO MRC ALWZ. IF REPLY CODE F IS ENTERED FOR MRC ABAM, REPLY TO MRC FUEL.

DB\* (See Note Above)

ALWZ	B	HEATING ELEMENT VOLTAGE RATING
------	---	--------------------------------

Definition: THE VOLTAGE VALUE FOR WHICH THE HEATING ELEMENT IS RATED.

Reply Instructions: Enter the numeric value. If multiple voltages are for the same type of current, enter in ascending sequence. If the multiple voltages represent AC and DC currents, enter the AC voltages first. (e.g., ALWZB12.0\*; ALWZB220.0\$B440.0\*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., ALWZKN\*)

If the source document gives the voltages as, or as falling within, one of the ranges in Appendix C, Table 2, enter the applicable figure from that table.

DB\* (See Note Preceding MRC ALWZ)

FUEL	D	FUEL TYPE
------	---	-----------

Definition: INDICATES THE TYPE OF FUEL(S) FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., FUELAD\*)

<u>REPLY CODE</u>	<u>REPLY (AF80)</u>
A	ANY ACCEPTABLE
AD	NATURAL GAS

FIIG T  
Section Parts

APP									
Key	MRC		Mode Code						Requirements

---

DA

ALXA                      D                      THERMOSTAT TEMP CONTROL

Definition: AN INDICATION OF WHETHER OR NOT A THERMOSTAT TEMPERATURE CONTROL IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALXADB\*; ALXADB\$DC\*)

<u>REPLY CODE</u>	<u>REPLY (AA49)</u>
B	INCLUDED
C	NOT INCLUDED

DA\*

ALST                      D                      SOLVENT FOR WHICH DESIGNED

Definition: INDICATES THE TYPE OF SOLVENT WITH WHICH THE ITEM IS DESIGNED TO BE USED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALSTDK\*; ALSTDK\$DD\*)

<u>REPLY CODE</u>	<u>REPLY (AF12)</u>
K	PETROLEUM BASE
D	SYNTHETIC

NOTE FOR MRC AGYN: IF REPLY CODE K IS ENTERED FOR MRC ALST, REPLY TO MRC AGYN.

DA\* (See Note Above)

AGYN                      B                      MINIMUM FLASH POINT IN DEG  
FAHRENHEIT

Definition: THE NUMERIC VALUE OF THE MINIMUM FLASH POINT AT WHICH THE ITEM WILL IGNITE AND BURN, EXPRESSED IN DEGREES FAHRENHEIT.

FIIG T  
Section Parts

APP									
Key	MRC		Mode Code						Requirements

---

Reply Instructions: Enter the numeric value. (e.g., AGYNB100.0\*)

DD

ALTX                      D                      EXTRACTION METHOD

Definition: THE MEANS USED FOR EXTRACTION.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALTXDAB\*; ALTXDAB\$DAD\*)

<u>REPLY CODE</u>	<u>REPLY (AH75)</u>
AB	CENTRIFUGAL
AD	COMPRESSION

NOTE FOR MRC ALXB: IF REPLY CODE AB IS ENTERED FOR MRC ALTX, REPLY TO MRC ALXB.

DD\* (See Note Above)

ALXB                      D                      CENTRIFUGAL EXTRACTION TYPE

Definition: INDICATES THE TYPE OF CENTRIFUGAL EXTRACTION.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALXBDAE\*; ALXBDAB\$DAC\*)

<u>REPLY CODE</u>	<u>REPLY (AH77)</u>
AB	OPEN TOP
AC	RIGID CURB
AD	SOLID CURB
AE	UNLOADING

NOTE FOR MRC ALXD: IF REPLY CODE AE IS ENTERED FOR MRC ALXB, REPLY TO MRC ALXD.

DD\* (See Note Above)

ALXD                      A                      CONTAINER SET QUANTITY

Definition: THE NUMBER OF CONTAINER SETS IN THE ITEM.

Reply Instructions: Enter the quantity. (e.g., ALXDA2\*; ALXDA2\$A3\*)

FIIG T  
Section Parts

APP Key	MRC	Mode Code	Requirements
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DC\*, DD\*

ALBY	D	USAGE DESIGN
------	---	--------------

Definition: INDICATES THE DESIGNED USE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALBYDABC\*)

REPLY CODE

A  
ABC

REPLY (AH21)

ANY ACCEPTABLE  
SHIPBOARD



FIIG T  
Section Parts

**SECTION: E**

APP

Key	MRC	Mode Code	Requirements
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ALL

NAME	D	ITEM NAME
------	---	-----------

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED04157\*)

EB\*, EC\*

ALXF	D	STRUCTURAL DESIGN
------	---	-------------------

Definition: THE BASIC STRUCTURE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALXFDAD\*; ALXFDAB\$DAC\*)

<u>REPLY CODE</u>	<u>REPLY (AH79)</u>
AB	CABINET
AC	CHEST
AD	CYLINDER

NOTE FOR MRC ALXG: IF REPLY CODE AD IS ENTERED FOR MRC ALXF, REPLY TO MRC ALXG.

EB\*, EC\* (See Note Above)

ALXG	D	STEAM HEATED CYLINDER
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Definition: AN INDICATION OF WHETHER OR NOT A STEAM HEATED CYLINDER IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALXGDB\*; ALXGDB\$DC\*)

<u>REPLY CODE</u>	<u>REPLY (AA49)</u>
B	INCLUDED
C	NOT INCLUDED

FIIG T  
Section Parts

APP  
Key

MRC

Mode Code

Requirements

EB\*

ALYT

D

CHEST HEATING METHOD

Definition: THE MEANS BY WHICH THE CHEST IS HEATED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALYTDG\*; ALYTDG\$DB\*)

REPLY CODE

G  
B

REPLY (AA94)

GASOLINE FIRED  
STEAM

NOTE FOR MRC ALYW: IF REPLY CODE G IS ENTERED FOR MRC ALYT, REPLY TO MRC ALYW.

EB\* (See Note Above)

ALYW

J

FUEL TANK CAPACITY

Definition: THE CAPACITY OF FUEL THE TANK WILL HOLD.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ALYWJG3.0\*; ALYWJL11.3\*)

REPLY CODE

G  
L

REPLY (AB10)

GALLONS  
LITERS

EB\*

ALTB

J

CYLINDER LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE CYLINDER, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ALTBJAA50.000\*; ALTBJAB55.000\$JAC65.000\*; ALTBJLA1270.0\*)

Table 1

REPLY CODE

A  
L

REPLY (AA05)

INCHES  
MILLIMETERS

FIIG T  
Section Parts

APP Key	MRC	Mode Code	Requirements
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Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

EB\*

ALHD

J

ROLL LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE ROLL, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ALHDJAA120.000\*; ALHDJAB119.750\$\$JAC120.250\*; ALHDJLA3048.0\*)

Table 1

REPLY CODE

A

L

REPLY (AA05)

INCHES

MILLIMETERS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

EB\*, EC\*

ACDC

D

CURRENT TYPE

Definition: INDICATES THE TYPE OF CURRENT WHETHER ALTERNATING, DIRECT, OR BOTH.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ACDCDB\*; ACDCDB\$DC\*)

REPLY CODE

B

C

REPLY (AB62)

AC

DC

FIIG T  
Section Parts

APP Key	MRC	Mode Code	Requirements
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NOTE FOR MRCS ELEC, FREQ, AND FAAZ: IF REPLY CODE B IS ENTERED FOR MRC ACDC, REPLY TO MRCS ELEC, FREQ, AND FAAZ. IF REPLY CODE C IS ENTERED FOR MRC ACDC, REPLY TO MRC ELEC.

EB\*, EC\* (See Note Above)

ELEC	B	VOLTAGE IN VOLTS
------	---	------------------

Definition: THE TOTAL ELECTRICAL VOLTAGE.

Reply Instructions: Enter the numeric value. If multiple voltages are for the same type of current, enter in ascending sequence. If the multiple voltages represent AC and DC currents, enter the AC voltages first. (e.g., ELECB12.0\*; ELECB220.0\$\$B440.0\*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., ELECKN\*)

If the source document gives the voltages as, or as falling within, one of the ranges in Appendix C, Table 2, enter the applicable figure from that table.

EB\*, EC\* (See Note Preceding MRC ELEC)

FREQ	B	FREQUENCY IN HERTZ
------	---	--------------------

Definition: THE CYCLES PER SECOND (HERTZ) OF THE ALTERNATING CURRENT.

Reply Instructions: Enter the numeric value. (e.g., FREQB60.0\*; FREQB60.0\$\$B80.0\*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., FREQKN\*)

EB\*, EC\* (See Note Preceding MRC ELEC)

FAAZ	D	PHASE
------	---	-------

Definition: THE NUMBER OF ALTERNATING CURRENT PHASES.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., FAAZDC\*; FAAZDA\$DB\*)

REPLY CODE  
A

REPLY (AD02)  
SINGLE

FIG T  
Section Parts

APP Key	MRC	Mode Code	Requirements
		E	SINGLE/THREE
		C	THREE
		B	TWO

EA, EC

ALXH                      D                      BUCK TYPE

Definition: INDICATES THE TYPE OF BUCK.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 3. (e.g., ALXHDAB\*; ALXHDAR\$\$DAS\*)

EC

ALXE                      A                      BUCK QUANTITY

Definition: THE NUMBER OF BUCKS FURNISHED WITH THE ITEM.

Reply Instructions: Enter the quantity. When all bucks are of the same type and a definite quantity is specified, enter a single reply. (e.g., ALXEA2\*)

For more than one buck type, enter in the same sequence as MRC ALXH. (e.g., ALXEA1\$\$A2\*)

EA\*, EC\*

ALXL                      J                      BUCK LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE BUCK, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ALXLJAA10.000\*; ALXLJLA254.0\*)

If more than one buck type with different lengths, enter in the same sequence as MRC ALXH. (e.g., ALXLJAA22.000\$\$JAA19.000\*)

If the source document specifies a tolerance or range, enter in the same sequence as MRC ALXH. (e.g., ALXLJAB22.000\$\$JAC22.500\*)

FIIG T  
Section Parts

APP Key	MRC	Mode Code	Requirements
<hr/>			
		<u>Table 1</u>	
		<u>REPLY CODE</u>	<u>REPLY (AA05)</u>
		A	INCHES
		L	MILLIMETERS
		<u>Table 2</u>	
		<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
		A	NOMINAL
		B	MINIMUM
		C	MAXIMUM

EA\*, EC\*

ALYY                      J                      BUCK WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF THE BUCK, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ALYYJAA12.000\*; ALYYJLA304.8\*)

If more than one buck type with different widths, enter in the same sequence as MRC ALXH. (e.g., ALYYJAA12.000\$\$JAA10.000\*)

If the source document specifies a tolerance or range, enter in the same sequence as MRC ALXH. (e.g., ALYYJAB12.000\$\$JAC12.275\*)

	<u>Table 1</u>	
	<u>REPLY CODE</u>	<u>REPLY (AA05)</u>
	A	INCHES
	L	MILLIMETERS
	<u>Table 2</u>	
	<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
	A	NOMINAL
	B	MINIMUM
	C	MAXIMUM

EA\*

FIIG T  
Section Parts

APP Key	MRC	Mode Code	Requirements
	ALZA	D	BUCK FABRIC

Definition: THE FABRIC FOR WHICH THE BUCK IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALZADDFAAAP\*; ALZADCC0000\$\$DSS0000\*; ALZADCC0000\$DSS0000\*)

<u>REPLY CODE</u>	<u>REPLY (AD09)</u>
DFAAAP	CLOTH, WOOL
CC0000	COTTON
SS0000	SILK

EA\*, EC\*

AHZT	D	OPERATION METHOD
------	---	------------------

Definition: THE MEANS BY WHICH THE ITEM IS OPERATED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AHZTDC\*; AHZTDC\$DL\*)

<u>REPLY CODE</u>	<u>REPLY (AA77)</u>
C	MANUAL
L	PNEUMATIC

EC\*

ALXM	D	CARRIAGE ROTATION METHOD
------	---	--------------------------

Definition: THE MEANS BY WHICH THE CARRIAGE IS ROTATED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALXMDC\*; ALXMDC\$DL\*)

<u>REPLY CODE</u>	<u>REPLY (AA77)</u>
C	MANUAL
L	PNEUMATIC

EA

ALXN	D	VACUUM TYPE
------	---	-------------

FIIG T  
Section Parts

APP										
Key	MRC		Mode Code							Requirements

---

Definition: INDICATES THE TYPE OF VACUUM PROVIDED FOR USE WITH THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALXNDB\*; ALXNDD\$DB\*)

<u>REPLY CODE</u>	<u>REPLY (AA94)</u>
D	AIR
B	STEAM

EA

ALXP	D	HEAD PRESS PLATE
------	---	------------------

Definition: AN INDICATION OF WHETHER OR NOT A HEAD PRESS PLATE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALXPDB\*; ALXPDB\$DC\*)

<u>REPLY CODE</u>	<u>REPLY (AA49)</u>
B	INCLUDED
C	NOT INCLUDED

EA

ALXQ	D	SHOULDER STEAMER
------	---	------------------

Definition: AN INDICATION OF WHETHER OR NOT A SHOULDER STEAMER IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALXQDB\*; ALXQDB\$DC\*)

<u>REPLY CODE</u>	<u>REPLY (AA49)</u>
B	INCLUDED
C	NOT INCLUDED

EA

ALXR	D	STEAM BOILER
------	---	--------------



FIIG T  
Section Parts

APP Key	MRC	Mode Code	Requirements
------------	-----	-----------	--------------

---

Definition: AN INDICATION OF WHETHER OR NOT A STEAM BOILER IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALXRDB\*; ALXRDB\$DC\*)

REPLY CODE

B  
C

REPLY (AA49)

INCLUDED  
NOT INCLUDED

ALL\*

ALBY	D	USAGE DESIGN
------	---	--------------

Definition: INDICATES THE DESIGNED USE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALBYDABC\*)

REPLY CODE

A  
ABC

REPLY (AH21)

ANY ACCEPTABLE  
SHIPBOARD

FIIG T  
Section Parts

**SECTION: F**

APP		Mode	
Key	MRC	Code	Requirements

ALL

NAME      D      ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED04578\*)

ALL\*

ALTR      D      FILTER TYPE

Definition: INDICATES OF THE TYPE OF FILTER USED WITH THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALTRDAB\*; ALTRDAB\$DAC\*)

<u>REPLY CODE</u>	<u>REPLY (AH81)</u>
AB	PRESSURE PLATE
AC	PRESSURE TUBULAR

ALL

ALXS      J      FILTER RATED CAPACITY

Definition: THE MEASURED CAPACITY OF THE FILTER.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ALXSJG8000.0\*; ALXSJL30280.0\*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., ALXSKN\*)

<u>REPLY CODE</u>	<u>REPLY (AB10)</u>
G	GALLONS
L	LITERS

ALL

ALXX      D      SCREEN SCRAPING/BACKWASHING DEVICE

FIIG T  
Section Parts

APP Key	MRC	Mode Code	Requirements
------------	-----	--------------	--------------

---

OPERATING METHOD

Definition: THE MEANS OF OPERATING THE SCREEN  
SCRAPING/BACKWASHING DEVICE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g.,  
ALXXDAB\*; ALXXDAB\$DAC\*)

<u>REPLY CODE</u>	<u>REPLY (AH82)</u>
AB	EXTERNAL
AC	HAND

ALL

ALXT      D      LID LIFTING DEVICE

Definition: AN INDICATION OF THE DEVICE USED FOR LIFTING THE LID.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g.,  
ALXTDAD\*; ALXTDAD\$DAB\*)

<u>REPLY CODE</u>	<u>REPLY (AH76)</u>
AD	DERRICK
AB	MANUAL

ALL\*

ACDC      D      CURRENT TYPE

Definition: INDICATES THE TYPE OF CURRENT WHETHER ALTERNATING,  
DIRECT, OR BOTH.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g.,  
ACDCDB\*; ACDCDB\$DC\*)

<u>REPLY CODE</u>	<u>REPLY (AB62)</u>
B	AC
C	DC

FIIG T  
Section Parts

APP Key	MRC	Mode Code	Requirements
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NOTE FOR MRCS ELEC, FREQ, AND FAAZ: IF REPLY CODE B IS ENTERED FOR MRC ACDC, REPLY TO MRCS ELEC, FREQ, AND FAAZ. IF REPLY CODE C IS ENTERED FOR MRC ACDC, REPLY TO MRC ELEC.

ALL\* (See Note Above)

ELEC	B	VOLTAGE IN VOLTS
------	---	------------------

Definition: THE TOTAL ELECTRICAL VOLTAGE.

Reply Instructions: Enter the numeric value. If multiple voltages are for the same type of current, enter in ascending sequence. If the multiple voltages represent AC and DC current, enter the AC voltages first. (e.g., ELECB12.0\*; ELECB220.0\$\$B440.0\*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., ELECKN\*)

If the source document gives the voltages as, or as falling within, one of the ranges in Appendix C, Table 2, enter the applicable figure from that table.

ALL\* (See Note Preceding MRC ELEC)

FREQ	B	FREQUENCY IN HERTZ
------	---	--------------------

Definition: THE CYCLES PER SECOND (HERTZ) OF THE ALTERNATING CURRENT.

Reply Instructions: Enter the numeric value. (e.g., FREQB400.0\*; FREQB400.0\$\$B500.0\*)

For items that do require a rating, change the Mode Code to K and enter Reply Code N. (e.g., FREQKN\*)

ALL\* (See Note Preceding MRC ELEC)

FAAZ	D	PHASE
------	---	-------

Definition: THE NUMBER OF ALTERNATING CURRENT PHASES.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., FAAZDC\*; FAAZDB\$DC\*)

REPLY CODE

A  
E  
C

REPLY (AD02)

SINGLE  
SINGLE/THREE  
THREE

FIG T  
Section Parts

APP Key	MRC	Mode Code	Requirements
		B	TWO

FIIG T  
Section Parts

**SECTION: G**

APP

Key	MRC	Mode Code	Requirements
-----	-----	-----------	--------------

ALL

NAME	D	ITEM NAME
------	---	-----------

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED32988\*)

ALL

ALYB	D	OPERATION DEVICE TYPE
------	---	-----------------------

Definition: INDICATES THE TYPE OF DEVICE BY WHICH THE ITEM IS OPERATED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALYBDAY\*; ALYBDAY\$\$DAZ\*; ALYBDAY\$DAZ\*)

<u>REPLY CODE</u>	<u>REPLY (AH83)</u>
AY	KEYBOARD
AZ	LEVER

ALL

AHZT	D	OPERATION METHOD
------	---	------------------

Definition: THE MEANS BY WHICH THE ITEM IS OPERATED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AHZTDK\*; AHZTDK\$DC\*)

<u>REPLY CODE</u>	<u>REPLY (AA77)</u>
A	ANY ACCEPTABLE
K	ELECTRIC
C	MANUAL (hand/foot)
L	PNEUMATIC

NOTE FOR MRC ACDC: IF REPLY CODE K IS ENTERED FOR MRC AHZT, REPLY TO MRC ACDC.

FIIG T  
Section Parts

APP Key	MRC	Mode Code	Requirements
------------	-----	-----------	--------------

---

ALL\* (See Note Above)

ACDC                      D                      CURRENT TYPE

Definition: INDICATES THE TYPE OF CURRENT WHETHER ALTERNATING, DIRECT, OR BOTH.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ACDCDB\*; ACDCDB\$DC\*)

REPLY CODE

B  
C

REPLY (AB62)

AC  
DC

NOTE FOR MRCS ELEC, FREQ, AND FAAZ: IF REPLY CODE B IS ENTERED FOR MRC ACDC, REPLY TO MRCS ELEC, FREQ, AND FAAZ. IF REPLY CODE C IS ENTERED FOR MRC ACDC, REPLY TO MRC ELEC.

ALL\* (See Note Above)

ELEC                      B                      VOLTAGE IN VOLTS

Definition: THE TOTAL ELECTRICAL VOLTAGE.

Reply Instructions: Enter the numeric value. If multiple voltages are for the same type of current, enter in ascending sequence. If the multiple voltages represent AC and DC currents, enter the AC voltages first. (e.g., ELECB12.0\*; ELECB220.0\$\$B440.0\*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., ELECKN\*)

If the source document gives the voltages as, or as falling within, one of the ranges in Appendix C, Table 2 enter the applicable figure from that table.

ALL\*

FREQ                      B                      FREQUENCY IN HERTZ

Definition: THE CYCLES PER SECOND (HERTZ) OF THE ALTERNATING CURRENT.

Reply Instructions: Enter the numeric value. (e.g., FREQB400.0\*; FREQB400.0\$\$B600.0\*)

FIIG T  
Section Parts

APP Key	MRC	Mode Code	Requirements
------------	-----	-----------	--------------

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., FREQKN\*)

ALL\* (See Note Preceding MRC ELEC)

FAAZ	D	PHASE
------	---	-------

Definition: THE NUMBER OF ALTERNATING CURRENT PHASES.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., FAAZDC\*; FAAZDA\$DB\*)

<u>REPLY CODE</u>	<u>REPLY (AD02)</u>
A	SINGLE
E	SINGLE/THREE
C	THREE
B	TWO

ALL

ALXW	D	PRINTER TYPE
------	---	--------------

Definition: INDICATES THE TYPE OF DEVICE USED FOR FORMING PRINT.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALXWDADD\*; ALXWDACF\$DADD\*)

<u>REPLY CODE</u>	<u>REPLY (AE15)</u>
ACF	PLATE
ADD	WHEEL

NOTE FOR MRC AGDH: IF REPLY CODE ADD IS ENTERED FOR MRC ALXW, REPLY TO MRC AGDH.

ALL\* (See Note Above)

AGDH	A	WHEEL QUANTITY
------	---	----------------

Definition: THE NUMBER OF WHEELS INCLUDED ON THE ITEM.

Reply Instructions: Enter the quantity. (e.g., AGDHA10\*; AGDGA10\$A11\*)

ALL\*



FIIG T  
Section Parts

APP Key	MRC	Mode Code	Requirements
	AAXX	D	MOUNTING TYPE
Definition: INDICATES THE TYPE OF MOUNT UTILIZED TO SUPPORT THE ITEM.			
Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AAXXDBF*; AAXXDBF\$DBM*)			
	<u>REPLY CODE</u>		<u>REPLY (AA78)</u>
	A		ANY ACCEPTABLE
	BF		BASE
	ACD		CABINET
	BM		PEDESTAL
	BY		TABLE

NOTE FOR MRCS CBBL AND FEAT: E MODE REPLIES WILL NOT BE ACCEPTABLE IN REPLY TO MRC CBBL. IF A REPLY IS NOT REFLECTED ON THE TABLE FOR MRC CBBL, ENTER THE FEATURE IN REPLY TO MRC FEAT.

ALL\* (See Note Above)

CBBL	D	FEATURES PROVIDED
------	---	-------------------

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDAXZ\*)

<u>REPLY CODE</u>	<u>REPLY (AN47)</u>
AXZ	INVOICE LISTING BOARD
AYA	TAPE STORAGE RACK

FIIG T  
Section Parts

**SECTION: H**

APP

Key	MRC	Mode Code	Requirements
-----	-----	-----------	--------------

ALL

NAME	D	ITEM NAME
------	---	-----------

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED28424\*)

ALL

AHZT	D	OPERATION METHOD
------	---	------------------

Definition: THE MEANS BY WHICH THE ITEM IS OPERATED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AHZTDK\*; AHZTDK\$DC\*)

<u>REPLY CODE</u>	<u>REPLY (AA77)</u>
K	ELECTRIC
C	MANUAL

NOTE FOR MRCS ACDC, ELEC, FREQ, FAAZ AND ALYC: IF REPLY CODE K IS ENTERED FOR MRC AHZT, REPLY TO MRCS ACDC AND ALYC. IF REPLY CODE B IS ENTERED FOR MRC ACDC, REPLY TO MRCS ELEC, FREQ AND FAAZ. IF REPLY CODE C IS ENTERED FOR MRC ACDC, REPLY TO MRC ELEC.

ALL\* (See Note Above)

ACDC	D	CURRENT TYPE
------	---	--------------

Definition: INDICATES THE TYPE OF CURRENT WHETHER ALTERNATING, DIRECT, OR BOTH.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ACDCDB\*; ACDCDB\$DC\*)

<u>REPLY CODE</u>	<u>REPLY (AB62)</u>
B	AC
C	DC

FIIG T  
Section Parts

APP			
Key	MRC	Mode Code	Requirements

---

NOTE FOR MRCS ELEC, FREQ, AND FAAZ: IF REPLY CODE B IS ENTERED FOR MRC ACDC, REPLY TO MRCS ELEC, FREQ, AND FAAZ. IF REPLY CODE C IS ENTERED FOR MRC ACDC, REPLY TO MRC ELEC.

ALL\* (See Note Above)

ELEC	B	VOLTAGE IN VOLTS
------	---	------------------

Definition: THE TOTAL ELECTRICAL VOLTAGE.

Reply Instructions: Enter the numeric value. If multiple voltages are for the same type of current, enter in ascending sequence. If the multiple voltages represent AC and DC currents, enter the AC voltages first. (e.g., ELECB12.0\*; ELECB220.0\$B440.0\*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., ELECKN\*)

If the source document gives the voltage as, or as falling within, one of the ranges in Appendix C, Table 2, enter the applicable figure from that table.

ALL\* (See Note Preceding MRC ELEC)

FREQ	B	FREQUENCY IN HERTZ
------	---	--------------------

Definition: THE CYCLES PER SECOND (HERTZ) OF THE ALTERNATING CURRENT.

Reply Instructions: Enter the numeric value. (e.g., FREQB400.0\*; FREQB400.0\$B600.0\*)

For items that do require a rating, change the Mode Code to K and enter Reply Code N. (e.g., FREQKN\*)

ALL\* (See Note Preceding MRC ELEC)

FAAZ	D	PHASE
------	---	-------

Definition: THE NUMBER OF ALTERNATING CURRENT PHASES.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., FAAZDC\*; FAAZDA\$DB\*)

<u>REPLY CODE</u>	<u>REPLY (AD02)</u>
A	SINGLE
E	SINGLE/THREE
C	THREE

FIIG T  
Section Parts

APP Key	MRC	Mode Code	Requirements
	B		TWO

ALL\* (See Note Preceding MRC ACDC)

ALYC                      D                      OPERATING CONTROL TYPE

Definition: INDICATES THE TYPE OF DEVICE WHICH CONTROLS THE OPERATION OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALYCDBA\*; ALYCDBA\$DBB\*)

<u>REPLY CODE</u>	<u>REPLY (AH83)</u>
A	ANY ACCEPTABLE
BA	AUTOMATIC DIAL
BB	AUTOMATIC PUSH-BUTTON
BD	FOOT PEDAL
BC	HAND OPERATED DIRECTIONAL

ALL

ALYD                      D                      CALL SYSTEM TYPE

Definition: INDICATES THE TYPE OF CALL SYSTEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALYDDAB\*; ALYDDAB\$DAC\*)

<u>REPLY CODE</u>	<u>REPLY (AH84)</u>
AB	ALPHABETIC
AC	NUMERIC

ALL

ALYE                      D                      ROTATION REVERSIBILITY FEATURE

Definition: AN INDICATION OF WHETHER OR NOT A REVERSIBLE ROTATION FEATURE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALYEDC\*; ALYEDB\$DC\*)

FIG T  
Section Parts

APP Key	MRC	Mode Code	Requirements
			<u>REPLY CODE</u>
			<u>REPLY (AA49)</u>
			INCLUDED
			NOT INCLUDED

ALL\*

AAXX                      D                      MOUNTING TYPE

Definition: INDICATES THE TYPE OF MOUNT UTILIZED TO SUPPORT THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AAXXDCA\*; AAXXDBZ\$DCA\*)

<u>REPLY CODE</u>	<u>REPLY (AA78)</u>
BZ	CEILING
CA	FLOOR

ALL

AGCS                      J                      MAXIMUM LOAD RATING

Definition: THE MAXIMUM LOAD FOR WHICH THE ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AGCSJP4800.0\*; AGCSJK2177.3\*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., AGCSKN\*)

<u>REPLY CODE</u>	<u>REPLY (AB16)</u>
K	KILOGRAMS
P	POUNDS

ALL\*

ABHP                      J                      OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

FIIG T  
Section Parts

APP Key	MRC	Mode Code	Requirements
------------	-----	-----------	--------------

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA8.000\*; ABHPJAB3.500\$\$JAC4.000\*; ABHPJLA203.2\*)

Table 1

REPLY CODE

A

L

REPLY (AA05)

INCHES

MILLIMETERS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

ALL\*

ABMK                      J                      OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA2.500\*; ABMKJAB3.500\$\$JAC4.000\*; ABMKJLA63.5\*)

Table 1

REPLY CODE

A

L

REPLY (AA05)

INCHES

MILLIMETERS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

ALL\*

ABKW                      J                      OVERALL HEIGHT

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

FIIG T  
Section Parts

APP	Key	MRC	Mode Code	Requirements
-----	-----	-----	-----------	--------------

---

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJAA2.500\*; ABKWJAB3.500\$\$JAC4.000\*; ABKWJLA63.5\*)

Table 1

REPLY CODE

A  
L

REPLY (AA05)

INCHES  
MILLIMETERS

Table 2

REPLY CODE

A  
B  
C

REPLY (AC20)

NOMINAL  
MINIMUM  
MAXIMUM

ALL\*

ALYG	D	GARMENT CONVEYING FACILITY TYPE
------	---	---------------------------------

Definition: INDICATES THE TYPE OF CONVEYING FACILITY PROVIDED TO CONTAIN OR HOLD THE GARMENT(S).

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALYGDAC\*; ALYGDAB\$\$DAC\*; ALYGDAB\$DAC\*)

REPLY  
CODE

A  
AB  
AE  
  
AC  
AD

REPLY (AH85)

ANY ACCEPTABLE  
BINS  
COMBINATION GARMENT RACKS AND  
OVERHEAD BINS  
GARMENT HANGERS  
GARMENT HOOKS

NOTE FOR MRCS ALYH, ALYJ, ALYK, ALYL, AND ALYM: IF REPLY CODE AB IS ENTERED FOR MRC ALYG, REPLY TO MRCS ALYH, ALYJ, ALYK, ALYL, AND ALYM.

ALL\* (See Note Above)

ALYH	A	BIN QUANTITY
------	---	--------------

Definition: THE NUMBER OF BINS PROVIDED.

FIIG T  
Section Parts

APP									
Key	MRC		Mode Code						Requirements

---

Reply Instructions: Enter the quantity. (e.g., ALYHA4\*; ALYHA4\$A5\*)

ALL\* (See Note Preceding MRC ALYH)

ALYJ                      J                      BIN OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE BIN.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ALYJJAA8.000\*; ALYJJAB3.500\$\$JAC4.000\*; ALYJJLA203.2\*)

Table 1

REPLY CODE

A

L

REPLY (AA05)

INCHES

MILLIMETERS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

ALL\* (See Note Preceding MRC ALYH)

ALYK                      J                      BIN OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF THE BIN, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ALYKJAA2.500\*; ALYKJAB3.500\$\$JAC4.000\*; ALYKJLA63.5\*)

Table 1

REPLY CODE

A

L

REPLY (AA05)

INCHES

MILLIMETERS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM



FIIG T  
Section Parts

APP	MRC	Mode Code	Requirements
Key			

---

ALL\* (See Note Preceding MRC ALYH)

ALYL                      J                      BIN OVERALL DEPTH

Definition: AN OVERALL MEASUREMENT BETWEEN SPECIFIED POINTS OF THE BIN, IN DISTINCTION FROM HEIGHT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ALYLJAA2.400\*; ALYLJAB3.500\$JAC4.000\*; ALYLJLA60.9\*)

Table 1

REPLY CODE

A

L

REPLY (AA05)

INCHES

MILLIMETERS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

ALL\* (See Note Preceding MRC ALYH)

ALYM                      A                      BIN COMPARTMENT QUANTITY

Definition: THE NUMBER OF COMPARTMENTS IN THE BIN.

Reply Instructions: Enter the quantity. (e.g., ALYMA2\*; ALYMA2\$A3\*)

ALL

ALYP                      D                      FLOOR LEVEL DESIGN

Definition: THE DESIGN OF THE FLOOR LEVEL OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALYPDAC\*; ALYPDAB\$DAC\*)

REPLY CODE

AB

AC

REPLY (AH86)

MULTIPLE

SINGLE

FIG T  
Section Parts

APP Key	MRC	Mode Code	Requirements
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**SECTION: STANDARD**

APP

Key MRC Mode Code Requirements

---

ALL \* (See Note Preceding MRC CBBL)

FEAT G SPECIAL FEATURES

Definition: THOSE UNUSUAL OR UNIQUE CHARACTERISTICS OR QUALITIES OF AN ITEM NOT COVERED IN THE OTHER REQUIREMENTS AND WHICH ARE DETERMINED TO BE ESSENTIAL FOR IDENTIFICATION.

Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., FEATGADJUSTABLE NOSE CLIP\*; FEATGADJUSTABLE NOSE PIECE; DISPOSABLE\*)

ALL\*

ZZZK J SPECIFICATION/STANDARD DATA

Definition: THE DOCUMENT DESIGNATOR OF THE SPECIFICATION OR STANDARD WHICH ESTABLISHED THE ITEM OF SUPPLY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the Commercial and Government Entity (CAGE) Code of the entity controlling the document, a dash, and the document designator. The agency that controls the limited coordination document must be preceded and followed by a slash following the designator. The word canceled or superseded must be preceded and followed by a slash for the designator. Professional and industrial association specifications/standards are differentiated from a manufacturer's specification in that the data has been coordinated and published by the professional and industrial association. Include amendments and revisions where applicable.

(e.g., ZZZKJT81337-30642B\*;

ZZZKJS81349-MIL-D-180 REV1/CANCELED\*;

ZZZKJP80205-NAS1103\*;

ZZZKJS81349-MIL-C-1140C/CE\*;

ZZZKJT81337-30642B\$\$JP80205-NAS1103\*)

REPLY  
CODE

S  
T  
D

REPLY (AN62)

GOVERNMENT SPECIFICATION  
GOVERNMENT STANDARD  
MANUFACTURERS SOURCE CONTROL

FIIG T  
Section Parts

APP Key	MRC	Mode Code	Requirements
		R	MANUFACTURERS SPECIFICATION
		N	MANUFACTURERS SPECIFICATION CONTROL
		M	MANUFACTURERS STANDARD
		B	NATIONAL STD/SPEC
		A	PROFESSIONAL/INDUSTRIAL ASSOCIATION SPECIFICATION
		P	PROFESSIONAL/INDUSTRIAL ASSOCIATION STANDARD

NOTE FOR MRC ZZZT: IF THE SPECIFICIATION/STANDARD CITED IN REPLY TO MRC ZZZK IS NONDEFINITIVE, REPLY TO MRC ZZZT. THIS REPLY IS THE DATA WHICH IS NOT RECORDED IN SEGMENT C.

ALL\* (See Note Above)

ZZZT      J      NONDEFINITIVE SPEC/STD DATA

Definition: THE NUMBER, LETTER, OR SYMBOL THAT INDICATES THE TYPE, STYLE, GRADE, CLASS, AND THE LIKE, OF AN ITEM IN A NONIDENTIFYING SPECIFICATION OR STANDARD.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 1, followed by the appropriate number, letter, or symbol. (e.g., ZZZTJTY1\*; ZZZTJTY1\$JSTA\*; ZZZTJTY1\$JSTA\*)

ALL\*

ZZZW      G      DEPARTURE FROM CITED DOCUMENT

Definition: THE TECHNICAL DIFFERENTIATING CHARACTERISTIC(S) OF AN ITEM OF SUPPLY WHICH DEPART(S) FROM THE TEXT OF A SPECIFICATION OR A STANDARD IN THAT IT REPRESENTS A SELECTION OF CHARACTERISTICS STATED IN THE SPECIFICATION OR STANDARD AS BEING OPTIONAL, OR A VARIATION FROM ONE OR MORE OF THE STATED CHARACTERISTICS, OR AN ADDITIONAL CHARACTERISTIC NOT STATED IN THE SPECIFICATION OR STANDARD.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZWGAS MODIFIED BY MATERIAL\*)

ALL\*

ZZZX      G      DEPARTURE FROM CITED DESIGNATOR

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Section Parts

APP

Key MRC Mode Code Requirements

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Definition: THE VARIATION WHEN THE ITEM IS IN CONFORMITY WITH A TYPE DESIGNATOR COVERED BY A SPECIFICATION OR STANDARD, EXCEPT IN REGARD TO ONE OR MORE TECHNICAL DIFFERENTIATING CHARACTERISTICS.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZXGAS MODIFIED BY MATERIAL\*)

ALL\*

ZZZY G REFERENCE NUMBER DIFFERENTIATING CHARACTERISTICS

Definition: A FEATURE OF THE ITEM OF SUPPLY WHICH MUST BE SPECIFICALLY RECORDED WHEN THE REFERENCE NUMBER COVERS A RANGE OF ITEMS.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZYGCCOLOR CODED LEADS\*; ZZZYGAS DIFFERENTIATED BY MATERIAL\*)

ALL\*

CRTL A CRITICALITY CODE JUSTIFICATION

Definition: THE MASTER REQUIREMENT CODES OF THOSE REQUIREMENTS WHICH ARE TECHNICALLY CRITICAL BY REASON OF TOLERANCE, FIT, PERFORMANCE, OR OTHER CHARACTERISTICS WHICH AFFECT IDENTIFICATION OF THE ITEM.

Reply Instructions: Enter the Master Requirement Code for the requirement, the reply to which renders the item as being critical. (e.g., CRTLAMATL\*; CRTLAMATL\$\$ASURF\*)

Reply to this requirement only if the header record for the item identification for the item being identified has been coded as critical.

NOTE FOR MRC PRPY: IF DOCUMENT AVAILABILITY CODE B, D, F, OR H, REPLY TO MRC PRPY.

ALL\* (See Note Above)

PRPY A PROPRIETARY CHARACTERISTICS

FIIG T  
Section Parts

APP

Key    MRC            Mode Code    Requirements

---

Definition: IDENTIFICATION OF THOSE CHARACTERISTICS INCLUDED IN THE DESCRIPTION FOR WHICH A NON-GOVERNMENT ACTIVITY HAS IDENTIFIED ALL OR SELECTED CHARACTERISTICS OF THE ITEM AS BEING PROPRIETARY AND THEREFORE RESTRICTED FROM RELEASE OUTSIDE THE GOVERNMENT WITHOUT PRIOR PERMISSION OF THE ORIGINATOR OF THE DATA.

Reply Instructions: Enter the MRC codes of the individual characteristics of the description which are marked proprietary on the technical data, using AND coding (\$\$) for multiple characteristics. If all the MRCs are proprietary, enter the reply PACS. If none of the MRCs is proprietary, enter the reply NPAC. (e.g., PRPYAPACS\*; PRPYANPAC\*; PRPYAMATL\$\$ASURF\*)

NOTE FOR MRC ENAC: ANSWERING THIS MRC WILL GENERATE AN ENAC CODE IN THE ITEM IDENTIFICATION SEGMENT (A) OF THE NSN.

ALL\* (See Note Above)

ENAC            D            ENVIRONMENTAL ATTRIBUTE CODE

Definition: INDICATES THE TYPE OF PRODUCT THAT MEETS OR EXCEEDS THE GOVERNMENT GUIDELINES FOR ENVIRONMENTALLY PREFERRED CHARACTERISTICS.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ENACDGK\*)

<u>REPLY CODE</u>	<u>REPLY (EN02)</u>
HN	ENERGY EFFICIENT - COMMERCIAL APPLIANCES - FAMILY SIZED CLOTHES WASHERS
GK	ENERGY EFFICIENT - RESIDENTIAL APPLIANCES - CLOTHES WASHERS
XX	REVIEWED - DOES NOT MEET SOME ENAC CRITERIA

ALL\*

ELRN            G            EXTRA LONG REFERENCE NUMBER

Definition: A REFERENCE NUMBER EXCEEDING 32 POSITIONS.

FIIG T  
Section Parts

APP

Key    MRC            Mode Code    Requirements

---

Reply Instructions: Enter the entire reference number. Do not include the 5-position Commercial and Government Entity (CAGE) Code unless there is more than one extra long reference number on the NSN, (e.g., ELRNGANN112036BIL060557LEN313605UZ62365\*).

If there is more than one extra long reference number on the NSN, include the CAGE or NCAGE and separate each reference by using the "&" character, (e.g., 28480 ANN112036BIL060557LEN313605UZ62365 & S1234 NN112036BIL060557LEN313605UZ62365).

In determining quantity of characters in the reference number, count will be made after modification in accordance with Volume 2, Chapter 9, FLIS Procedures Manual, DoD 4100.39-M.

ALL\*

ELCD            D            EXTRA LONG CHARACTERISTIC DESCRIPTION

Definition: A DESCRIPTION THAT EXCEEDS 5000 CHARACTERS.

Reply Instructions: Enter the Reply Code from the table below. (e.g., ELCDDA\*)

REPLY  
CODE  
A

REPLY (AN58)  
  
ADDITIONAL DESCRIPTIVE DATA ON MANUAL  
RECORD

FIIG T  
Section Parts

**SECTION: SUPPTECH**

APP

Key	MRC	Mode Code	Requirements
-----	-----	-----------	--------------

ALL

AFJK	J	CUBIC MEASURE
------	---	---------------

Definition: A MEASUREMENT OF VOLUME TAKEN BY MULTIPLYING THE LENGTH BY THE WIDTH BY THE HEIGHT OF AN ITEM AND RENDERED IN CUBIC UNITS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AFJKJB8.000\*; AFJKJC131.1\*)

<u>REPLY CODE</u>	<u>REPLY (AD42)</u>
C	CUBIC CENTIMETERS
B	CUBIC INCHES

ALL

PRMT	D	PRECIOUS MATERIAL
------	---	-------------------

Definition: IDENTIFICATION OF THE PRECIOUS MATERIAL CONTAINED IN THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., PRMTDAGA000\*; PRMTDAUA000\$\$DAGA000\*; PRMTDAGA000\$DAUA000\*)

<u>REPLY CODE</u>	<u>REPLY (MA01)</u>
AUA000	GOLD
IRA000	IRIDIUM
AZA000	OSMIUM
PDA000	PALLADIUM
PTA000	PLATINUM
RHA000	RHODIUM
RTA000	RUTHENIUM
AGA000	SILVER

ALL

PMWT	J	PRECIOUS MATERIAL AND WEIGHT
------	---	------------------------------

Definition: AN INDICATION OF THE PRECIOUS MATERIAL CONTAINED IN THE ITEM, AND THE AMOUNT PER A MEASUREMENT SCALE.



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Section Parts

APP			
Key	MRC	Mode Code	Requirements

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Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. Enter multiple replies in Table 1 sequence. (e.g., PMWTJPTA000R0.780\*; PMWTJAUA000F0.500\$\$JAGA000R0.780\*)

Table 1

REPLY CODE

AUA000  
IRA000  
AZA000  
PDA000  
PTA000  
RHA000  
RTA000  
AGA000

REPLY (MA01)

GOLD  
IRIDIUM  
OSMIUM  
PALLADIUM  
PLATINUM  
RHODIUM  
RUTHENIUM  
SILVER

Table 2

REPLY CODE

E  
R  
F

REPLY (AG14)

GRAINS, TROY  
GRAMS  
OUNCES, TROY

ALL

PMLC	J	PRECIOUS MATERIAL AND LOCATION
------	---	--------------------------------

Definition: AN INDICATION OF THE PRECIOUS MATERIAL AND ITS LOCATION IN THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the location in clear text. (e.g., PMLCJAUA000TERMINALS\*; PMLCJAUA000TERMINALS\$\$JAGA000INTERNAL SURFACES\*; PMLCJAGA000TERMINALS\$JAUA000INTERNAL SURFACES\*)

REPLY CODE

AUA000  
IRA000  
AZA000  
PDA000  
PTA000  
RHA000  
RTA000  
AGA000

REPLY (MA01)

GOLD  
IRIDIUM  
OSMIUM  
PALLADIUM  
PLATINUM  
RHODIUM  
RUTHENIUM  
SILVER

FIIG T  
Section Parts

APP Key	MRC	Mode Code	Requirements
<hr/>			
ALL			
	SUPP	G	SUPPLEMENTARY FEATURES
	Definition: CHARACTERISTICS OR QUALITIES OF AN ITEM, NOT COVERED IN ANY OTHER REQUIREMENT, WHICH ARE CONSIDERED ESSENTIAL INFORMATION FOR ONE OR MORE FUNCTIONS EXCLUDING NSN ASSIGNMENT.		
	Reply Instructions: Enter the reply in clear text. (e.g., SUPPGMAY INCL HOLE IN UPPER SUPPORT FOR MTG DURING SHIPMENT*)		
ALL			
	ZZZV	G	FSC APPLICATION DATA
	Definition: THE JUSTIFICATION FOR THE ASSIGNMENT OF A FEDERAL SUPPLY CLASS (FSC) TO AN ITEM BASED ON THE CLASSIFICATION OF THE NEXT HIGHER CLASSIFIABLE ASSEMBLY.		
	Reply Instructions: Enter the name of the next higher classifiable assembly in clear text. (e.g., ZZZVGFUEL SYSTEM, GASOLINE ENGINE, NONAIRCRAFT*)		
ALL			
	CXCY	G	PART NAME ASSIGNED BY CONTROLLING AGENCY
	Definition: THE NAME ASSIGNED TO THE ITEM BY THE GOVERNMENT AGENCY OR COMMERCIAL ORGANIZATION CONTROLLING THE DESIGN OF THE ITEM.		
	Reply Instructions: Enter the reply in clear text. (e.g., CXCYGLINE PROCESSOR CONTROL BOARD*)		

## Reply Tables

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Table 1 - NONDEFINITIVE SPEC/STD DATA  
NONDEFINITIVE SPEC/STD DATA

<u>REPLY CODE</u>	<u>REPLY (AD08)</u>
AL	ALLOY
AN	ANNEX
AP	APPENDIX
AC	APPLICABILITY CLASS
AR	ARRANGEMENT
AS	ASSEMBLY
AB	ASSORTMENT
BX	BOX
CY	CAPACITY
CA	CASE
CT	CATEGORY
CL	CLASS
CE	CODE
CR	COLOR
CC	COMBINATION CODE
CN	COMPONENT
CP	COMPOSITION
CM	COMPOUND
CD	CONDITION
CS	CONSTRUCTION
DE	DESIGN
DG	DESIGNATOR
DW	DRAWING NUMBER
EG	EDGE
EN	END
FY	FAMILY
FG	FIGURE
FN	FINISH
FM	FORM
FA	FORMULA
GR	GRADE
GP	GROUP
BA	IMAGE COLOR
NS	INSERT
TM	ITEM
KD	KIND
KT	KIT
LG	LENGTH
LT	LIMIT
MK	MARK
AA	MARKER
ML	MATERIAL
BB	MAXIMUM DENSITY

<u>REPLY CODE</u>	<u>REPLY (AD08)</u>
MH	MESH
ME	METHOD
BC	MINIMUM DENSITY
MD	MODEL
MT	MOUNTING
NR	NUMBER
PT	PART
PN	PATTERN
PC	PHYSICAL CONDITION
PS	PIECE
PL	PLAN
PR	POINT
QA	QUALITY
RN	RANGE
RT	RATING
RF	REFERENCE NUMBER
SC	SCHEDULE
SB	SECTION
SL	SELECTION
SE	SERIES
SV	SERVICE
SX	SET
SA	SHADE
SH	SHAPE
SG	SHEET
SZ	SIZE
PZ	SPECIES
SQ	SPECIFICATION SHEET
SD	SPEED
ST	STYLE
SS	SUBCLASS
SF	SUBFORM
SP	SUBTYPE
SN	SURFACE CONDITION
SY	SYMBOL
SM	SYSTEM
TB	TABLE
TN	TANNAGE
TP	TEMPER
TX	TEXTURE
TK	THICKNESS
TT	TREATMENT
TR	TRIM
TY	TYPE
YN	UNIT
VA	VARIETY
WT	WEIGHT
WD	WIDTH

Table 2 - CONTROLS  
CONTROLS

<u>REPLY CODE</u>	<u>REPLY (AC58)</u>
A	ANY ACCEPTABLE
BW	CYCLING
BX	DUMP VALVE
WF	RINSING
WE	SPOTTING CYLINDER DOOR
BN	STEAM
BY	SUPPLIES
BF	TEMPERATURE
BM	TIMER
BZ	WATER
CA	WATER LEVEL

Table 3 - BUCK TYPES  
BUCK TYPES

<u>REPLY CODE</u>	<u>REPLY (AH80)</u>
A	ANY ACCEPTABLE
AB	COAT COLLAR LAPEL
AC	COVERALL BODY
AD	DRAPERY
AE	DUCK COAT
AF	GENERAL WEARING
AG	HANDKERCHIEF, ROTARY
AH	LINEN
AJ	MUSHROOM
AK	SHIRT BODY
AL	SHIRT BOSOM
AM	SHIRT COLLAR
AN	SHIRT CUFF
AP	SHIRT GUSSET
AQ	SHIRT SHOULDER
AR	SHIRT SLEEVE
AS	SHIRT TWO WAY SLEEVE
AT	SHIRT YOKE
AW	TROUSER LEG
AX	TROUSER TOP
AZ	TROUSERS
BA	UTILITY PRESS
AY	WEARING APPAREL

## Reference Drawing Groups

**No table of contents entries found.**

## Technical Data Tables

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APPENDIX C

STANDARD FRACTION TO DECIMAL CONVERSION CHART

<u>4ths</u>	<u>8ths</u>	<u>16ths</u>	<u>32nds</u>	<u>64ths</u>	<u>To 3</u>	<u>To 4</u>	<u>4ths</u>	<u>8ths</u>	<u>16ths</u>	<u>32nds</u>	<u>64ths</u>	<u>To 3</u>	<u>To 4</u>
				1/64	.016	.0156					33/64	.516	.5156
			1/32	-----	.031	.0312				17/32	-----	.531	.5312
				3/64	.047	.0469					35/64	.547	.5469
		1/16	-----		.062	.0625			9/16	-----	-----	.562	.5625
				5/64	.078	.0781					37/64	.578	.5781
			3/32	-----	.094	.0938				19/32	-----	.594	.5938
				7/64	.109	.1094					39/64	.609	.6094
	1/8	-----	-----	-----	.125	.1250		5/8	-----	-----	-----	.625	.6250
				9/64	.141	.1406					41/64	.641	.6406
			5/32	-----	.156	.1562				21/32	-----	.656	.6562
				11/64	.172	.1719					43/64	.672	.6719
		3/16	-----	-----	.188	.1875			11/16	-----	-----	.688	.6875
				13/64	.203	.2031					45/64	.703	.7031
			7/32	-----	.219	.2188				23/32	-----	.719	.7188
				15/64	.234	.2344					47/64	.734	.7344
1/4	-----	-----	-----	-----	.250	.2500	3/4	-----	-----	-----	-----	.750	.7500
				17/64	.266	.2656					49/64	.766	.7656
			9/32	-----	.281	.2812				25/32	-----	.781	.7812
				19/64	.297	.2969					51/64	.797	.7969
		5/16	-----	-----	.312	.3125			13/16	-----	-----	.812	.8125
				21/64	.328	.3281					53/64	.828	.8281
			11/32	-----	.344	.3438				27/32	-----	.844	.8438
				23/64	.359	.3594					55/64	.859	.8594
	3/8	-----	-----	-----	.375	.3750		7/8	-----	-----	-----	.875	.8750
				25/64	.391	.3906					57/64	.891	.8906
			13/32	-----	.406	.4062				29/32	-----	.906	.9062
				27/64	.422	.4219					59/64	.922	.9219
		7/16	-----	-----	.438	.4375			15/16	-----	-----	.938	.9375
				29/64	.453	.4531					61/64	.953	.9531
			15/32	-----	.469	.4688				31/32	-----	.969	.9688
				31/64	.484	.4844					63/64	.984	.9844
					.500	.5000						1.000	1.0000

VOLTAGE CHART

6 TO 8	VOLTS REPLY 6.0
12 TO 16	VOLTS REPLY 12.0
24 TO 28	VOLTS REPLY 24.0
110 TO 120	VOLTS REPLY 115.0
220 TO 240	VOLTS REPLY 230.0
440 TO 480	VOLTS REPLY 460.0

## **FIIG Change List**

FIIG Change List, Effective May 7, 2010

This change replaced with ISAC or and/or coding.